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29 FILES SEARCHED...
L1 6847 UBIQUI? AND REPORTER

=> s l1 and destabiliz?
38 FILES SEARCHED...
L2 1 L1 AND DESTABILIZ?

=> d

L2 ANSWER 1 OF 1 USPATFULL
AN 2001:112505 USPATFULL
TI Compound for detecting and modulating RNA activity and gene expression
IN Cook, Phillip Dan, Carlsbad, CA, United States
Ecker, David J., Carlsbad, CA, United States
Guinasso, Charles John, Vista, CA, United States
Acevedo, Oscar Leobardo, San Diego, CA, United States
Kawasaki, Andrew, Oceanside, CA, United States
Ramasamy, Kandasamy, Laguna Hills, CA, United States
PA Isis Pharmaceuticals, Inc., Carlsbad, CA, United States (U.S. corporation)
PI US 6262241 B1 20010717
AI US 1995-383666 19950203 (8)
RLI Continuation of Ser. No. US 1992-854634, filed on 1 Jul 1992, now abandoned Continuation-in-part of Ser. No. US 463358, now abandoned
Continuation-in-part of Ser. No. US 1990-566977, filed on 13 Aug 1990, now abandoned
DT Utility
FS GRANTED
LN.CNT 5473
INCL INCLM: 536/022.100
INCLS: 435/005.000; 435/006.000; 436/501.000; 514/044.000; 536/025.300
NCL NCLM: 536/022.100
NCLS: 435/005.000; 435/006.000; 436/501.000; 514/044.000; 536/025.300
IC (7)
ICM: C12Q001-68
ICS: C07H021-02; C07H021-04
EXF 435/5; 435/6; 435/172.3; 435/810; 436/501; 514/44; 536/22.1; 536/23.1;
536/25.3; 935/77; 935/78
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> FIL STNGUIDE
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 69.23 69.53

FILE 'STNGUIDE' ENTERED AT 15:39:04 ON 30 AUG 2001
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FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Aug 24, 2001 (20010824/UP).

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For a list of commands available to you in the current file, enter "HELP COMMANDS" at an arrow prompt (=>).

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(FILE 'HOME' ENTERED AT 15:35:40 ON 30 AUG 2001)

FILE 'ADISALERTS, ADISINSIGHT, AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL, DRUGU, DRUGUPDATES, ...' ENTERED AT 15:36:40 ON 30 AUG 2001
L1 6847 S UBIQUI? AND REPORTER
L2 1 S L1 AND DESTABILIZ?

FILE 'STNGUIDE' ENTERED AT 15:39:04 ON 30 AUG 2001

=> s l1 and regulat?
0 UBIQUI?
2 REPORTER

31 REGULAT?
L3 0 L1 AND REGULAT?

=> ret
ENTER NAME OF SAVED ITEM TO ACTIVATE OR (END):
ENTER NAME OF SAVED ITEM TO ACTIVATE OR (END):
ENTER NAME OF SAVED ITEM TO ACTIVATE OR (END):q
'Q' MUST END IN 'Q', 'A', 'L', 'S', OR 'B'
The name of a saved query (or structure or screen set) ends in 'Q'.
The name of a saved answer set ends in 'A'. The name of a saved L# list ends in 'L'. The name of an SDI request ends in 'S'. The name of a BATCH search request ends in 'B'. You must enter the /Q, /A, /L, /S, or /B at the end of the name.
ENTER NAME OF SAVED ITEM TO ACTIVATE OR (END):end

=> fil caplus, medline, embase
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 0.00 69.53

FILE 'CAPLUS' ENTERED AT 15:45:13 ON 30 AUG 2001
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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FILE 'MEDLINE' ENTERED AT 15:45:13 ON 30 AUG 2001

FILE 'EMBASE' ENTERED AT 15:45:13 ON 30 AUG 2001
COPYRIGHT (C) 2001 Elsevier Science B.V. All rights reserved.

=> s ubiqui? and report? and regulat?
L4 3594 UBIQUI? AND REPORT? AND REGULAT?

=> s l4 and ?stabiliz?
L5 170 L4 AND ?STABILIZ?

=> dup
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PROCESSING COMPLETED FOR L5
L6 72 DUP REM L5 (98 DUPLICATES REMOVED)

=> d

L6 ANSWER 1 OF 72 CAPLUS COPYRIGHT 2001 ACS
AN 2001:582076 CAPLUS
TI Methods of protein destabilization with noncleavable ubiquitin fusion proteins and uses in assays and in regulating target protein concentrations
IN Stack, Jeffrey H.; Whitney, Michael; Cubitt, Andrew B.; Pollok, Brian A.
PA Aurora Biosciences Corporation, USA
SO PCT Int. Appl., 171 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001057242	A2	20010809	WO 2001-US103791	
20010202				
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,			
CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,				
HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,				
SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,				
YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,				
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
PRAI US 2000-498098	A2	20000204		

=> d 1 abs

L6 ANSWER 1 OF 72 CAPLUS COPYRIGHT 2001 ACS
AB This invention is directed towards methods of destabilizing proteins in living cells, and their use for the development of novel assays. In one embodiment, the invention comprises the use of non-cleavable multimerized ubiquitin fusion proteins to destabilize a target protein, such as a reporter moiety. In one aspect of this method the constructs also comprises a linker that operatively couples the reporter moiety to the multimerized ubiquitin fusion protein. In this embodiment, enzymic modification of the linker results in a modulation of the coupling of the

reporter protein to the multimerized ubiquitin domains resulting in a change in the stability of the reporter moiety. The level of the reporter moiety in the cell can then be used as a measure of the enzymic activity in the cell. In another embodiment the invention provides for a generalized way of coordinately regulating the cellular concn. of a plurality of target proteins. In one aspect of this method, the target proteins are operatively coupled to a ubiquitin fusion protein via linker contg. a protease cleavage site. Cleavage of the linker by a protease results in uncoupling of the target protein from the multimerized ubiquitin construct, and results in an increase in the stability and concn. of the target protein. From one to four copies of 76-valine-ubiquitin were fused to .beta.-lactamase and tested.

=> d 2-5

L6 ANSWER 2 OF 72 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 1
 AN 2001:411571 CAPLUS
 TI Requirement for HDM2 activity in the rapid degradation of p53 in neuroblastoma
 AU Isaacs, Jennifer S.; Saito, Shin'ichi; Neckers, Leonard M.
 CS Tumor Cell Biology Section, Medicine Branch, NCI, National Institutes of Health, Rockville, MD, 20850, USA
 SO J. Biol. Chem. (2001), 276(21), 18497-18506
 CODEN: JBCHA3; ISSN: 0021-9258
 PB American Society for Biochemistry and Molecular Biology
 DT Journal
 LA English
 RE.CNT 61
 RE
 (1) Alarcon, R; Cancer Res 1999, V59, P6046 CAPLUS
 (2) An, W; Nature 1998, V392, P405 CAPLUS
 (3) Ashcroft, M; Mol Cell Biol 1999, V19, P1751 CAPLUS
 (6) Barak, Y; EMBO J 1993, V12, P461 CAPLUS
 (8) Blattner, C; Oncogene 1999, V18, P1723 CAPLUS
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 3 OF 72 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 2
 AN 2001:329793 CAPLUS
 DN 135:90284
 TI Stabilization and activation of p53 by the coactivator protein TAFII31
 AU Buschmann, Thomas; Lin, Yahong; Aithmitti, Nadia; Fuchs, Serge Y.; Lu, Hua; Resnick-Silverman, Lois; Manfredi, James J.; Ronai, Ze'ev; Wu, Xiangwei
 CS Derald H. Ruttenberg Cancer Center, Mount Sinai School of Medicine, New York, NY, 10029, USA
 SO J. Biol. Chem. (2001), 276(17), 13852-13857
 CODEN: JBCHA3; ISSN: 0021-9258
 PB American Society for Biochemistry and Molecular Biology
 DT Journal
 LA English
 RE.CNT 39
 RE
 (1) Amrolia, P; Proc Natl Acad Sci 1997, V94, P10051 CAPLUS
 (2) An, W; Nature 1998, V392, P405 CAPLUS
 (3) Ashcroft, M; Oncogene 1999, V18, P7637 CAPLUS
 (4) Berk, A; Curr Opin Cell Biol 1999, V11, P330 CAPLUS
 (5) Chen, J; Cell 1994, V79, P93 CAPLUS
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 4 OF 72 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 3
 AN 2001:335286 CAPLUS
 DN 135:89664
 TI Glucose-induced monoubiquitination of the Saccharomyces cerevisiae galactose transporter is sufficient to signal its internalization
 AU Horak, Jaroslav; Wolf, Dieter H.
 CS Institute of Physiology, Department of Membrane Transport, Academy of Sciences of the Czech Republic, Prague, 142 20, Czech Rep.
 SO J. Bacteriol. (2001), 183(10), 3083-3088
 CODEN: JOBAAY; ISSN: 0021-9193
 PB American Society for Microbiology
 DT Journal
 LA English
 RE.CNT 57
 RE
 (1) Amerik, A; Mol Biol Cell 2000, V11, P3365 CAPLUS
 (2) Amason, T; Mol Cell Biol 1994, V14, P7876 CAPLUS
 (4) Beck, T; J Cell Biol 1999, V146, P1227 CAPLUS
 (5) Bonifacio, J; Annu Rev Cell Dev Biol 1998, V14, P19 CAPLUS
 (6) Chiang, H; J Biol Chem 1996, V271, P9934 CAPLUS
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 5 OF 72 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 4
 AN 2001:340123 CAPLUS
 TI Expression profiles of TRCP1 and TRCP2, and mutation analysis of TRCP2 in gastric cancer
 AU Saitoh, Tetsuroh; Katoh, Masaru
 CS Genetics and Cell Biology Section, Genetics Division, National Cancer Center Research Institute, Tokyo, 104-0045, Japan
 SO Int. J. Oncol. (2001), 18(5), 959-964
 CODEN: IJONES; ISSN: 1019-6439
 PB International Journal of Oncology
 DT Journal
 LA English
 RE.CNT 17
 RE
 (1) Fuchs, S; Oncogene 1999, V18, P2039 CAPLUS
 (2) Hart, M; Curr Biol 1999, V9, P207 CAPLUS
 (3) He, T; Science 1998, V281, P1509 CAPLUS
 (4) Jiang, J; Nature 1998, V391, P493 CAPLUS
 (5) Kinzler, K; Science 1991, V253, P661 CAPLUS
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 6-10

L6 ANSWER 6 OF 72 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 5
 AN 2001:147780 CAPLUS
 DN 134:308358
 TI Human cyclin C protein is stabilized by its associated kinase cdk8, independently of its catalytic activity
 AU Barrette, Caroline; Jariel-Encontre, Isabelle; Piechaczyk, Marc; Piette, Jacques
 CS Institut de Genetique Moleculaire de Montpellier, CNRS UMR 5535, Montpellier, 34293, Fr.
 SO Oncogene (2001), 20(5), 551-562
 CODEN: ONCNES; ISSN: 0950-9232
 PB Nature Publishing Group
 DT Journal
 LA English
 RE.CNT 54
 RE
 (1) Arellano, M; Int J Biochem Cell Biol 1997, V29, P559 CAPLUS
 (2) Balciunas, D; Nucleic Acids Res 1995, V23, P4421 CAPLUS
 (3) Boyer, T; Nature 1999, V399, P276 CAPLUS
 (4) Carlson, M; Genetics 1984, V107, P19 CAPLUS
 (5) Cho, H; Mol Cell Biol 1998, V18, P5355 CAPLUS
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 7 OF 72 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 6
 AN 2001:497897 CAPLUS
 TI PKC.delta.-Dependent Deubiquitination and Stabilization of Gadd45 in A431 Cells Overexposed to EGF
 AU Leung, Chung-Hang; Lam, Wing; Zhuang, Wei-Jian; Wong, Nai-Sum; Fong, Wang
 CS Bioactive Products Research Group, Department of Biology and Chemistry, City University of Hong Kong, Kowloon, Peop. Rep. China
 SO Biochem. Biophys. Res. Commun. (2001), 285(2), 283-288
 CODEN: BBRCAS; ISSN: 0006-291X
 PB Academic Press
 DT Journal
 LA English
 RE.CNT 33
 RE
 (1) Azam, N; J Biol Chem 2001, V276, P2766 CAPLUS
 (2) Davis, R; J Biol Chem 1985, V260, P5315 CAPLUS
 (3) Elledge, S; Biochim Biophys Acta 1998, V1377, PM61 CAPLUS
 (4) Fong, W; Biochim Biophys Acta 1976, V428, P456 CAPLUS
 (5) Fong, W; Biochim Biophys Acta 2001, V1517, P250 CAPLUS
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 8 OF 72 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 7
 AN 2001:127854 CAPLUS
 DN 134:351084
 TI Downregulation of MDM2 stabilizes p53 by inhibiting p53 ubiquitination in response to specific alkylating agents
 AU Inoue, T.; Geyer, R. K.; Yu, Z. K.; Maki, C. G.
 CS Department of Cancer Cell Biology, Harvard School of Public Health, Boston, MA, 02115, USA
 SO FEBS Lett. (2001), 490(3), 196-201
 CODEN: FEBLAL; ISSN: 0014-5793
 PB Elsevier Science B.V.
 DT Journal
 LA English
 RE.CNT 37
 RE

(1) Ashcroft, M; Mol Cell Biol 1999, V19, P1751 CAPLUS
(2) Blattner, C; Oncogene 1999, V18, P1723 CAPLUS
(3) Chehab, N; Proc Natl Acad Sci USA 1999, V96, P13777 CAPLUS
(5) el-Deiry, W; Cell 1993, V75, P817 CAPLUS
(6) Fritsche, M; Oncogene 1993, V8, P307 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 9 OF 72 EMBASE COPYRIGHT 2001 ELSEVIER SCI.
B.V.
AN 2000320437 EMBASE
TI Reactive oxygen species generated at mitochondrial Complex III stabilize hypoxia-inducible factor-1.alpha. during hypoxia: A mechanism of O2 sensing.
AU Chandel N.S.; McClintock D.S.; Feliciano C.E.; Wood T.M.; Melendez J.A.;
Rodriguez A.M.; Schumacker P.T.
CS P.T. Schumacker, Department of Medicine MC6026, University of Chicago,
5841 South Maryland Ave., Chicago, IL 60637, United States.
pschumac@medicine.bsd.uchicago.edu
SO Journal of Biological Chemistry, (18 Aug 2000) 275/33 (25130-25138).
Refs: 49
ISSN: 0021-9258 CODEN: JBCHA3
CY United States
DT Journal; Article
FS 029 Clinical Biochemistry
LA English
SL English

L6 ANSWER 10 OF 72 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 8
AN 2000:642508 CAPLUS
DN 133:346338
TI Yeast glycogen synthase kinase 3 is involved in protein degradation in cooperation with Bul1, Bul2, and Rsp5
AU Andoh, Tomoko; Hirata, Yuzoh; Kikuchi, Akira
CS Department of Biochemistry, Hiroshima University School of Medicine,
Hiroshima, 734-8551, Japan
SO Mol. Cell. Biol. (2000), 20(18), 6712-6720
CODEN: MCEBD4; ISSN: 0270-7306
PB American Society for Microbiology
DT Journal
LA English
RE.CNT 53
RE
(1) Aberle, H; EMBO J 1997, V16, P3797 CAPLUS
(2) Beaudenon, S; Mol Cell Biol 1999, V19, P6972 CAPLUS
(3) Botstein, D; Gene 1979, V8, P17 CAPLUS
(4) Bowdish, K; Mol Cell Biol 1994, V14, P7909 CAPLUS
(5) Bradford, M; Anal Biochem 1976, V72, P248 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 11-15

L6 ANSWER 11 OF 72 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 9
AN 2000:609884 CAPLUS
DN 133:264555
TI Cell cycle-dependent expression of mammalian E2-C regulated by the anaphase-promoting complex/cyclosome
AU Yamanaka, Aitsushi; Hatakeyama, Shigetugu; Kominami, Kin-Ichiro; Kitagawa,
Masatoshi; Matsumoto, Masaki; Nakayama, Kei-Ichi
CS Department of Molecular and Cellular Biology, Medical Institute of Bioregulation, Kyushu University, Fukuoka, 812-8582, Japan
SO Mol. Biol. Cell (2000), 11(8), 2821-2831
CODEN: MBCEEV; ISSN: 1059-1524
PB American Society for Cell Biology
DT Journal
LA English
RE.CNT 50
RE
(1) Amon, A; Cell 1994, V77, P1037 CAPLUS
(2) Aristarkhov, A; Proc Natl Acad Sci USA 1996, V93, P4294 CAPLUS
(3) Arvand, A; Oncogene 1998, V17, P2039 CAPLUS
(4) Bai, C; Cell 1996, V86, P263 CAPLUS
(5) Banerjee, A; J Biol Chem 1993, V268, P5668 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 12 OF 72 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 10
AN 2000:896382 CAPLUS
DN 134:234378
TI Post-transcriptional control of the Arabidopsis auxin efflux carrier EIR1 requires AXR1
AU Sieberer, T.; Seifert, G. J.; Hauser, M.-T.; Grisafi, P.; Fink, G. R.; Luschning, C.
CS Centre for Applied Genetics, University of Agricultural Sciences, Vienna,
A-1190, Austria

SO Curr. Biol. (2000), 10(24), 1595-1598
CODEN: CUBLE2; ISSN: 0960-9822
PB Elsevier Science Ltd.
DT Journal
LA English
RE.CNT 15
RE
(1) Chen, R; Proc Natl Acad Sci USA 1998, V95, P15112 CAPLUS
(2) del Pozo, J; Proc Natl Acad Sci USA 1999, V96, P15342 CAPLUS
(3) Delbarre, A; Plant Physiol 1998, V116, P833 CAPLUS
(4) Gray, W; Genes Dev 1999, V13, P1678 CAPLUS
(5) Kaufman, P; Plant Hormones 1995, P547 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 13 OF 72 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 11
AN 2000:374094 CAPLUS
DN 133:132267
TI Degradation of the transcription factor Gcn4 requires the kinase Pho85 and the SCF/CDC4 ubiquitin-ligase complex
AU Meimoun, Ariella; Holtzman, Tsvi; Weissman, Ziva; McBride, Helen J.;
Stillman, David J.; Fink, Gerald R.; Kornitzer, Daniel
CS Department of Microbiology, Technion-B. Rappaport Faculty of Medicine,
Haifa, 31096, Israel
SO Mol. Biol. Cell (2000), 11(3), 915-927
CODEN: MBCEEV; ISSN: 1059-1524
PB American Society for Cell Biology
DT Journal
LA English
RE.CNT 68
RE
(1) Alani, E; Genetics 1987, V116, P541 CAPLUS
(2) Andrews, B; Trends Genet 1998, V14, P66 CAPLUS
(3) Arndt, K; Science 1987, V237, P874 CAPLUS
(5) Bai, C; Cell 1996, V86, P263 CAPLUS
(6) Barral, Y; Genes Dev 1995, V9, P399 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 14 OF 72 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 12
AN 2000:62027 CAPLUS
DN 132:204906
TI HuR regulates p21 mRNA stabilization by UV light
AU Wang, Wengong; Furneaux, Henry; Cheng, Huiming; Caldwell, M. Craig;
Hutter, Dorothy; Liu, Yusen; Holbrook, Nikki; Gorospe, Myriam
CS Laboratory of Biological Chemistry, National Institute on Aging, National
Institutes of Health, Baltimore, MD, 21224, USA
SO Mol. Cell. Biol. (2000), 20(3), 760-769
CODEN: MCEBD4; ISSN: 0270-7306
PB American Society for Microbiology
DT Journal
LA English
RE.CNT 67
RE
(1) Antic, D; Genes Dev 1999, V13, P449 CAPLUS
(2) Atasoy, U; J Cell Sci 1998, V111, P3145 CAPLUS
(3) Badminton, M; Cell Calcium 1998, V23, P79 CAPLUS
(4) Barami, K; J Neurobiol 1995, V28, P82 CAPLUS
(5) Bellido, T; J Biol Chem 1998, V273, P21137 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 15 OF 72 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 13
AN 2000:446332 CAPLUS
DN 133:189127
TI Polycyclic aromatic hydrocarbon carcinogens increase ubiquitination of p21 protein after the stabilization of p53 and the expression of p21
AU Nakanishi, Yoichi; Pei, Xin-Hai; Takayama, Koichi; Bai, Feng; Izumi, Miuru; Kimotsuki, Kanehito; Inoue, Koji; Minami, Takahiro; Wataya, Hiroshi; Hara, Nobuyuki
CS Research Institute for Diseases of the Chest, Graduate School of Medical
Sciences, Kyushu University, Fukuoka, 812-8582, Japan
SO Am. J. Respir. Cell Mol. Biol. (2000), 22(6), 747-754
CODEN: AJRBEL; ISSN: 1044-1549
PB American Thoracic Society
DT Journal
LA English
RE.CNT 38
RE
(1) Bai, F; Mol Carcinog 1998, V22, P258 CAPLUS
(2) Cayrol, C; Oncogene 1998, V17, P2437 CAPLUS
(3) Denissenko, M; Science 1996, V274, P430 CAPLUS
(4) Di Leonardo, A; Genes Dev 1994, V8, P2540 CAPLUS
(5) Dipple, A; DNA Adducts: Identification and Biological Significance 1994, P107 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s ubiqui? and (fuse? or fusion) and protein
L7 3233 UBIQUI? AND (FUSE? OR FUSION) AND PROTEIN

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=> s ubiqui? and fusion protein
L8 2030 UBIQUI? AND FUSION PROTEIN

=> s l8 and reporter
L9 190 L8 AND REPORTER

=> dup
ENTER REMOVE, IDENTIFY, ONLY, OR (?) :rem
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PROCESSING COMPLETED FOR L9
L10 146 DUP REM L9 (44 DUPLICATES REMOVED)

=> d 1-5

L10 ANSWER 1 OF 146 CAPLUS COPYRIGHT 2001 ACS
AN 2001:582076 CAPLUS
TI Methods of protein destabilization with noncleavable ubiquitin
fusion proteins and uses in assays and in regulating
target protein concentrations
IN Stack, Jeffrey H.; Whitney, Michael; Cubitt, Andrew B.; Pollok, Brian
A.
PA Aurora Biosciences Corporation, USA
SO PCT Int. Appl., 171 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001057242	A2	20010809	WO 2001-US103791	20010202
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
PRAI US 2000-498098	A2	20000204		

L10 ANSWER 2 OF 146 CAPLUS COPYRIGHT 2001 ACS
AN 2001:545853 CAPLUS
TI Molecular switches II system comprising ligand-regulated DNA binding molecule and targeted DNA binding site and its use in screening for desired binding elements and gene regulation
IN Choo, Yen; Ullman, Christopher Graeme; Moore, Michael
PA Gendaq Limited, UK
SO PCT Int. Appl., 193 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 4

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001053479	A2	20010726	WO 2001-GB100187	20010118
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
WO 200073434	A1	20001207	WO 2000-GB2071	20000530
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD,			

SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
WO 2001000815 A1 20010104 WO 2000-GB2080 20000530
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
PRAI GB 2000-1578 A 20000124
GB 2000-1582 A 20000124
WO 2000-GB2071 W 20000530
WO 2000-GB2080 W 20000530
GB 2000-29901 A 20001207
GB 1999-12635 A 19990528

L10 ANSWER 3 OF 146 CAPLUS COPYRIGHT 2001 ACS
AN 2001:417180 CAPLUS
DN 135:29128
TI An reporter gene system for screening of compounds capable of modulating the activity of ubiquitin-ligase SCF^{Met30} complexes and their uses
IN Thomas, Dominique; Barbey, Regine; Rouillon, Astrid; Kerjan, Yolande
PA Centre National De La Recherche Scientifique-CNRS, Fr.
SO PCT Int. Appl., 49 pp.
CODEN: PIXXD2
DT Patent
LA French
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001040499	A2	20010607	WO 2000-FR3342	20001130
W:	CA, JP, US			
RW:	AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR			
FR 2801902	A1	20010608	FR 1999-15138	19991201
PRAI FR 1999-15138	A	19991201		

L10 ANSWER 4 OF 146 CAPLUS COPYRIGHT 2001 ACS
AN 2001:168144 CAPLUS
DN 134:221434
TI Isolated nona- and decapeptides which bind to HLA molecules, and the therapeutic use thereof
IN Valmori, Danila; Levy, Frederic; Miconnet, Isabelle; Cerrotoni, Jean-Charles; Romero, Pedro
PA Ludwig Institute for Cancer Research, USA
SO PCT Int. Appl., 61 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001016320	A1	20010308	WO 2000-US23536	20000825
W:	AG, AU, BZ, CA, CN, DZ, JP, KR, MZ			
RW:	AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE			
PRAI US 1999-386581	A	19990830		
RE.CNT 6				
RE				
(1) Hoon, D; WO 9937771 A 1999 CAPLUS				
(2) Ludwig Inst Cancer Res; WO 9815638 A 1998 CAPLUS				
(3) Ludwig Inst Cancer Res; WO 9858951 A 1998 CAPLUS				
(4) Us Health; WO 9610419 A 1996 CAPLUS				
(5) Valmori, D; JOURNAL OF EXPERIMENTAL MEDICINE 1999, V189(6), P895 CAPLUS				
ALL CITATIONS AVAILABLE IN THE RE FORMAT				

L10 ANSWER 5 OF 146 CAPLUS COPYRIGHT 2001 ACS
AN 2001:293689 CAPLUS
DN 134:321630
TI A peptide of auxin-induced gene products that targets them for rapid degradation and its use in controlling the degradation of fusion proteins
IN Callis, Judy; Worley, Cathy K.
PA The Regents of the University of California, USA

SO U.S., 26 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 6222095	B1	20010424	US 1998-64922	19980422

RE.CNT 39
RE

(1) Abel, S; BioEssays 1996, V18, P647 CAPLUS
(2) Abel, S; Plant Physiol 1996, V111, P9 CAPLUS
(3) Abel, S; Proc Natl Acad Sci USA 1994, V91, P326 CAPLUS
(4) Brown, K; Molecular and Cellular Biology 1997, V17, P3021 CAPLUS
(5) Chen, P; Cell 1993, V74, P357 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> SET SMA OFF

SET COMMAND COMPLETED

=> SEL RAN.CAPLUS(1) L10 5

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terms extracted from an L-number that contains answers or terms from more than one file. SET SMARTSELECT ON must be entered before you execute the SELECT command.

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SET COMMAND COMPLETED

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L11 SEL L10 5 1: 1 TERM

=>

=>

=> SET SMA LOGIN

SET COMMAND COMPLETED

=> FIL CAPLUS

COST IN U.S. DOLLARS	ENTRY	SINCE FILE SESSION	TOTAL
FULL ESTIMATED COST		56.68	126.21

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE TOTAL
CA SUBSCRIBER PRICE	-0.59 -0.59

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FILE LAST UPDATED: 29 Aug 2001 (20010829/ED)

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=> S L11

L12 1 L11

=> D L12 BIB,ABS

L12 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2001 ACS

AN 1996:578463 CAPLUS

DN 125:266597

TI DNA elements responsive to auxin

AU Abel, Steffen; Ballas, Nurit; Wong, Lu-Min; Theologis, Athanasios

CS Plant Gene Expression Center, Albany, CA, 94710, USA

SO BioEssays (1996), 18(8), 647-654

CODEN: BIOEEJ; ISSN: 0265-9247

DT Journal; General Review

LA English

AB A review with 62 refs. Genes induced by the plant hormone auxin are

probably involved in the execution of vital cellular functions and developmental processes. Exptl. approaches designed to elucidate the mol.

mechanisms of auxin action have focused on auxin perception, genetic dissection of the signaling app. and specific gene activation.

Auxin-responsive promoter elements of early genes provide mol. tools

for

probing auxin signaling in reverse. Functional anal. of several auxin-specific promoters of unrelated early genes suggests combinatorial

utilization of both conserved and variable elements. These elements are

arranged into autonomous domains and the combination of such modules

generates uniquely composed promoters. Modular promoters allow for auxin-mediated transcriptional responses to be revealed in a tissue-

and

development-specific manner.

=> DEL L11 Y

=> FIL caplus, medline, embase

COST IN U.S. DOLLARS	ENTRY	SINCE FILE SESSION	TOTAL
FULL ESTIMATED COST		4.05	130.26

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE TOTAL
CA SUBSCRIBER PRICE	-0.59 -1.18

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=> d his

(FILE 'HOME' ENTERED AT 15:35:40 ON 30 AUG 2001)

FILE 'ADISALERTS, ADISINSIGHT, AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS,

CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL, DRUGU, DRUGUPDATES, ...' ENTERED

AT 15:36:40 ON 30

AUG 2001

L1 6847 S UBIQUI? AND REPORTER

L2 1 S L1 AND DESTABLIZ?

FILE 'STNGUIDE' ENTERED AT 15:39:04 ON 30 AUG 2001

L3 0 S L1 AND REGULAT?

FILE 'CAPLUS, MEDLINE, EMBASE' ENTERED AT 15:45:13 ON 30 AUG 2001

L4 3594 S UBIQUI? AND REPORT? AND REGULAT?

L5 170 S L4 AND ?STABILIZ?
 L6 72 DUP REM L5 (98 DUPLICATES REMOVED)
 L7 3233 S UBIQUIT? AND (FUSE? OR FUSION) AND PROTEIN
 L8 2030 S UBIQUIT? AND FUSION PROTEIN
 L9 190 S L8 AND REPORTER
 L10 146 DUP REM L9 (44 DUPLICATES REMOVED)
 SET SMA OFF
 SET SMA ON
 SET SMA LOGIN

FILE 'CAPLUS' ENTERED AT 15:56:01 ON 30 AUG 2001
 L12 1 S L***

FILE 'CAPLUS, MEDLINE, EMBASE' ENTERED AT 15:56:08 ON 30 AUG 2001

=> d l10 10-20

L10 ANSWER 10 OF 146 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 2
 AN 2001:248608 CAPLUS
 TI Inducible gene targeting in postnatal myocardium by cardiac-specific expression of a hormone-activated cre fusion protein
 AU Minamino, Tetsuo; Gaussin, Vinciane; Demayo, Francesco J.; Schneider, Michael D.
 CS Center for Cardiovascular Development, USA
 SO Circ. Res. (2001), 88(6), 587-592
 CODEN: CIRUAL; ISSN: 0009-7330
 PB Lippincott Williams & Wilkins
 DT Journal
 LA English
 RE.CNT 31
 RE
 (1) Agah, R; J Clin Invest 1997, V100, P169 CAPLUS
 (2) Akli, S; Circ Res 1999, V85, P319 CAPLUS
 (3) Araki, K; Proc Natl Acad Sci U S A 1995, V92, P160 CAPLUS
 (4) Bradford, M; Anal Biochem 1976, V72, P248 CAPLUS
 (5) Brand, T; J Biol Chem 1993, V268, P11500 CAPLUS
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 11 OF 146 MEDLINE
 AN 2001219244 MEDLINE
 DN 21206014 PubMed ID: 11309410
 TI Identities of sequestered proteins in aggregates from cells with induced polyglutamine expression.
 AU Suhr S T; Senut M C; Whitelegge J P; Faull K F; Cuizon D B; Gage F H
 CS Laboratory of Genetics, The Salk Institute for Biological Studies, La Jolla, California 92037, USA.
 NC CA 16042-20 (NCI)
 MH/NS 31862 (NIMH)
 SO JOURNAL OF CELL BIOLOGY, (2001 Apr 16) 153 (2) 283-94.
 Journal code: HMV; 0375356. ISSN: 0021-9525.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200105
 ED Entered STN: 20010529
 Last Updated on STN: 20010529
 Entered Medline: 20010524

L10 ANSWER 12 OF 146 MEDLINE
 AN 2001182228 MEDLINE
 DN 21099606 PubMed ID: 11161721
 TI Aggrexin domains expected to traffic through the exocytic pathway are misdirected to the nucleus.
 AU Chen T L; Wang P Y; Luo W; Gwon S S; Flay N W; Zheng J; Guo C; Tanzer M L; Vertel B M
 CS Department of Cell Biology & Anatomy, FUHS/The Chicago Medical School, North Chicago, Illinois, 60064, USA.
 NC AR45909 (NIAMS)
 DK28433 (NIDDK)
 SO EXPERIMENTAL CELL RESEARCH, (2001 Feb 15) 263 (2) 224-35.
 Journal code: EPB; 0373226. ISSN: 0014-4827.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200103
 ED Entered STN: 20010404
 Last Updated on STN: 20010404
 Entered Medline: 20010329

L10 ANSWER 13 OF 146 MEDLINE
 AN 2001179377 MEDLINE
 DN 21124827 PubMed ID: 11207362

TI Loss of the CIC-7 chloride channel leads to osteopetrosis in mice and man.
 AU Komak U; Kasper D; Bosl M R; Kaiser E; Schweizer M; Schulz A; Friedrich W; Delling G; Jentsch T J
 CS Zentrum fur Molekulare Neurobiologie Hamburg, ZMNH, Universitat Hamburg, D-20246, Hamburg, Germany.
 SO CELL, (2001 Jan 26) 104 (2) 205-15.
 Journal code: CQ4; 0413066. ISSN: 0092-8674.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200103
 ED Entered STN: 20010404
 Last Updated on STN: 20010404
 Entered Medline: 20010329

L10 ANSWER 14 OF 146 MEDLINE
 AN 2001235756 MEDLINE
 DN 21142402 PubMed ID: 11245987
 TI The human ubiquitous 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase gene (PFKFB3): promoter characterization and genomic structure.
 AU Navarro-Sabate A; Manzano A; Riera L; Rosa J L; Ventura F; Bartrons R
 CS Unitat de Bioquímica. Departament de Ciències Fisiològiques II, Campus de Bellvitge, Universitat de, C/ Feixa Llarga s/n E-08907 L'Hospitalet, Barcelona, Spain.
 SO GENE, (2001 Feb 7) 264 (1) 131-8.
 Journal code: FOP; 7706761. ISSN: 0378-1119.
 CY Netherlands
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200105
 ED Entered STN: 20010517
 Last Updated on STN: 20010517
 Entered Medline: 20010503

L10 ANSWER 15 OF 146 MEDLINE
 AN 2001180195 MEDLINE
 DN 21113117 PubMed ID: 11175744
 TI Identification of XAF1 as an antagonist of XIAP anti-Caspase activity.
 AU Liston P; Fong W G; Kelly N L; Toji S; Miyazaki T; Conte D; Tamai K; Craig C G; McBurney M W; Korneluk R G
 CS Cancer Research Group, Ottawa Regional Cancer Center, 501 Smyth Road, Ottawa, K1H 8L6, Canada.
 SO NATURE CELL BIOLOGY, (2001 Feb) 3 (2) 128-33.
 Journal code: DIQ; 100890575. ISSN: 1465-7392.
 CY England; United Kingdom
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 OS GENBANK-X99699
 EM 200103
 ED Entered STN: 20010404
 Last Updated on STN: 20010404
 Entered Medline: 20010329

L10 ANSWER 16 OF 146 MEDLINE
 AN 2001336323 MEDLINE
 DN 21297184 PubMed ID: 11404007
 TI Adaptable doxycycline-regulated gene expression systems for Drosophila.
 AU Stebbins M J; Yin J C
 CS Cold Spring Harbor Laboratory, 1 Bungtown Road, Cold Spring Harbor, NY 11724, USA.
 NC R01 NS35575 (NINDS)
 SO GENE, (2001 May 30) 270 (1-2) 103-11.
 Journal code: FOP; 7706761. ISSN: 0378-1119.
 CY Netherlands
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200108
 ED Entered STN: 20010806
 Last Updated on STN: 20010806
 Entered Medline: 20010802

L10 ANSWER 17 OF 146 MEDLINE
 AN 2001187863 MEDLINE
 DN 21174047 PubMed ID: 11275683
 TI Determination of protein-protein interactions of Icn by the yeast two-hybrid system.
 AU Schmarda A; Fresser F; Gschwentner M; Furst J; Ritter M; Lang F; Baier G;

Paulmichl M
 CS Department of Physiology, Institute for Medical Biology and Human
 Genetics, University of Innsbruck, Austria.
 SO CELLULAR PHYSIOLOGY AND BIOCHEMISTRY, (2001) 11 (1) 55-
 60.
 Journal code: C2F; 9113221. ISSN: 1015-8987.
 CY Switzerland
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 OS GENBANK-AF196468
 EM 200108
 ED Entered STN: 20010813
 Last Updated on STN: 20010813
 Entered Medline: 20010809

L10 ANSWER 18 OF 146 MEDLINE
 AN 2001133443 MEDLINE
 DN 21066384 PubMed ID: 11145566
 TI Yin yang 1 protein negatively regulates high-density lipoprotein
 receptor
 gene transcription by disrupting binding of sterol regulatory element
 binding protein to the sterol regulatory element.
 AU Shea-Eaton W; Lopez D; McLean M P
 CS Departments of Obstetrics and Gynecology and Biochemistry and
 Molecular
 Biology, University of South Florida, College of Medicine, Tampa,
 Florida
 33606, USA.
 NC R29-HD-31644 (NICHHD)
 RO1-HD-35163 (NICHHD)
 SO ENDOCRINOLOGY, (2001 Jan) 142 (1) 49-58.
 Journal code: EGZ; 0375040. ISSN: 0013-7227.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Abridged Index Medicus Journals; Priority Journals
 EM 200103
 ED Entered STN: 20010404
 Last Updated on STN: 20010404
 Entered Medline: 20010301

L10 ANSWER 19 OF 146 MEDLINE
 AN 2001265235 MEDLINE
 DN 21113207 PubMed ID: 11160943
 TI A novel tetracycline-dependent transactivator with E2F4 transcriptional
 activation domain.
 AU Akagi K; Kanai M; Saya H; Kozu T; Berns A
 CS Saitama Cancer Center Research Institute, 818 Komuro Ina Kita-
 adachigun
 Saitama 362-0806, Japan.. akagi@cancer-c.prof.saitama.jp
 SO NUCLEIC ACIDS RESEARCH, (2001 Feb 15) 29 (4) E23.
 Journal code: OBL; 0411011. ISSN: 1362-4962.
 CY England; United Kingdom
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200106
 ED Entered STN: 20010611
 Last Updated on STN: 20010611
 Entered Medline: 20010607

L10 ANSWER 20 OF 146 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 3
 AN 2000:910839 CAPLUS
 DN 134:174344
 TI Ubiquitin-mediated proteolysis of a short-lived regulatory
 protein depends on its cellular localization
 AU Lenk, Uwe; Sommer, Thomas
 CS Max-Delbrück-Centrum für Molekulare Medizin, Berlin, 13092,
 Germany
 SO J. Biol. Chem. (2000), 275(50), 39403-39410
 CODEN: JBCHA3; ISSN: 0021-9258
 PB American Society for Biochemistry and Molecular Biology
 DT Journal
 LA English
 RE.CNT 33
 RE
 (2) Biederer, T; EMBO J 1996, V15, P2069 CAPLUS
 (3) Biederer, T; Science 1997, V278, P1806 CAPLUS
 (4) Bonifacino, J; Annu Rev Cell Dev Biol 1998, V14, P19 CAPLUS
 (5) Chen, P; Cell 1993, V74, P357 CAPLUS
 (6) Cormack, B; Microbiology 1997, V143, P303 CAPLUS
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> SET SMA OFF

SET COMMAND COMPLETED

=> SEL RAN.CAPLUS(4) L10 5

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 terms extracted from an L-number that contains answers or terms from
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=> SET SMA ON

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L13 SEL L10 5 4 : 1 TERM

=>

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=> SET SMA LOGIN

SET COMMAND COMPLETED

=> FIL CAPLUS

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
FULL ESTIMATED COST	ENTRY SESSION	
	15.17	145.43

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE
FILE TOTAL	

CA SUBSCRIBER PRICE	ENTRY SESSION	
	0.00	-1.18

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 FILE LAST UPDATED: 29 Aug 2001 (20010829/ED)

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=> S L13

L14 1 L13

=> D L14 BIB,ABS

L14 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2001 ACS
 AN 1997:335673 CAPLUS
 DN 127:48301

TI The signal response of I.kappa.B.alpha. is regulated by transferable
 N-

and C-terminal domains

AU Brown, Keith; Franzoso, Guido; Baldi, Lucia; Carlson, Louise; Mills,
 Laura; Lin, Yi-Chaung; Gerstberger, Susan; Siebenlist, Ulrich
 CS Lab. Immunoregulation, National Inst. Allergy and Infectious
 Diseases,

National Institutes Health, Bethesda, MD, 20892-1876, USA
SO Mol. Cell. Biol. (1997), 17(6), 3021-3027
CODEN: MCEBD4; ISSN: 0270-7306
PB American Society for Microbiology
DT Journal
LA English

AB I.kappa.B.alpha. retains the transcription factor NF-kappa.B in the cytoplasm, thus inhibiting its function. Various stimuli inactivate I.kappa.B.alpha. by triggering phosphorylation of the N-terminal residues

Ser32 and Ser36. Phosphorylation of both serines is demonstrated directly by phosphopeptide mapping utilizing calpain protease, which cuts approx. 60 residues from the N terminus, and by anal. of mutants lacking one or

both serine residues. Phosphorylation is followed by rapid proteolysis, and the liberated NF-kappa.B translocates to the nucleus, where it activates transcription of its target genes. Transfer of the N-terminal domain of I.kappa.B.alpha. to the ankyrin domain of the related oncoprotein Bcl-3 or to the unrelated protein glutathione S-transferase confers signal-induced phosphorylation on the resulting chimeric proteins.

If the C-terminal domain of I.kappa.B.alpha. is transferred as well, the resulting chimeras exhibit both signal-induced phosphorylation and rapid proteolysis. Thus, the signal response of I.kappa.B.alpha. is controlled by transferable N-terminal and C-terminal domains.

=> DEL L13 Y

=> FIL caplus, medline, embase

COST IN U.S. DOLLARS	ENTRY	SINCE FILE	TOTAL
FULL ESTIMATED COST		SESSION 4.05	149.48
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)			
FILE TOTAL			
CA SUBSCRIBER PRICE	ENTRY	SESSION	
		-0.59	-1.77

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FULL ESTIMATED COST		SESSION 1.59	151.07
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)			
FILE TOTAL			
CA SUBSCRIBER PRICE	ENTRY	SESSION	
		0.00	-1.77

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LAST RELOADED: Aug 24, 2001 (20010824/UP).

=> s protein degrad?
7 PROTEIN
2 DEGRAD?
L15 0 PROTEIN DEGRAD?
(PROTEIN(W)DEGRAD?)

COST IN U.S. DOLLARS	ENTRY	SINCE FILE	TOTAL
FULL ESTIMATED COST		SESSION 0.00	151.07
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)			
FILE TOTAL			
CA SUBSCRIBER PRICE	ENTRY	SESSION	
		0.00	-1.77

FILE 'CAPLUS' ENTERED AT 16:07:13 ON 30 AUG 2001

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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FILE 'MEDLINE' ENTERED AT 16:07:13 ON 30 AUG 2001

FILE 'EMBASE' ENTERED AT 16:07:13 ON 30 AUG 2001
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=> s protein degrad?
L16 38481 PROTEIN DEGRAD?

=> s protein degrad/ti
L17 0 PROTEIN DEGRAD/TI

=> s protein degrad/?i
L18 0 PROTEIN DEGRAD/?TI

=> s protein degrad?.ti
L19 0 PROTEIN DEGRAD?.TI

=> s l16 and report?
L20 4073 L16 AND REPORT?

=> dup
ENTER REMOVE, IDENTIFY, ONLY, OR (?) :rem
ENTER L# LIST OR (END):l20
PROCESSING IS APPROXIMATELY 52% COMPLETE FOR L20
PROCESSING IS APPROXIMATELY 84% COMPLETE FOR L20
PROCESSING COMPLETED FOR L20
L21 3558 DUP REM L20 (515 DUPLICATES REMOVED)

=>

=> s l21 py<2000
MISSING OPERATOR L21 PY<2000
The search profile that was entered contains terms or nested terms that are not separated by a logical operator.

=> py<2000
PY<2000 IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter "HELP COMMANDS" at an arrow prompt (=>).

=> d l21 py<2000
'PY<2000' IS NOT A VALID FORMAT
In a multifile environment, a format can only be used if it is valid in at least one of the files. Refer to file specific help messages or the STNGUIDE file for information on formats available in individual files.
REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):
REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):
REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):ti

L21 ANSWER 1 OF 3558 CAPLUS COPYRIGHT 2001 ACS
TI Methods of protein destabilization with noncleavable ubiquitin fusion proteins and uses in assays and in regulating target protein concentrations

=> d his

(FILE 'HOME' ENTERED AT 15:35:40 ON 30 AUG 2001)

FILE 'ADISALERTS, ADISINSIGHT, AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL, DRUGU, DRUGUPDATES, ...' ENTERED AT 15:36:40 ON 30 AUG 2001

L1 6847 S UBIQUI? AND REPORTER
L2 1 S L1 AND DESTABILIZ?

FILE 'STNGUIDE' ENTERED AT 15:39:04 ON 30 AUG 2001
L3 0 S L1 AND REGULAT?

FILE 'CAPLUS, MEDLINE, EMBASE' ENTERED AT 15:45:13 ON 30 AUG 2001
L4 3594 S UBIQUI? AND REPORT? AND REGULAT?
L5 170 S L4 AND ?STABILIZ?
L6 72 DUP REM L5 (98 DUPLICATES REMOVED)
L7 3233 S UBIQUI? AND (FUSE? OR FUSION) AND PROTEIN
L8 2030 S UBIQUI? AND FUSION PROTEIN
L9 190 S L8 AND REPORTER
L10 146 DUP REM L9 (44 DUPLICATES REMOVED)
SET SMA OFF
SET SMA ON
SET SMA LOGIN

FILE 'CAPLUS' ENTERED AT 15:56:01 ON 30 AUG 2001
L12 1 S L***

FILE 'CAPLUS, MEDLINE, EMBASE' ENTERED AT 15:56:08 ON 30 AUG 2001

SET SMA OFF
SET SMA ON
SET SMA LOGIN

FILE 'CAPLUS' ENTERED AT 16:00:34 ON 30 AUG 2001
L14 1 S L***

FILE 'CAPLUS, MEDLINE, EMBASE' ENTERED AT 16:00:40 ON 30 AUG 2001

FILE 'STNGUIDE' ENTERED AT 16:02:18 ON 30 AUG 2001
L15 0 S PROTEIN DEGRAD?

FILE 'CAPLUS, MEDLINE, EMBASE' ENTERED AT 16:07:13 ON 30 AUG 2001

L16 38481 S PROTEIN DEGRAD?
L17 0 S PROTEIN DEGRAD/TI
L18 0 S PROEITIN DEGRAD?/TI
L19 0 S PROTEIN DEGRAD?/TI
L20 4073 S L16 AND REPORT?
L21 3558 DUP REM L20 (515 DUPLICATES REMOVED)

=> s l21 and py<2000
2 FILES SEARCHED...
L22 2713 L21 AND PY<2000

=> d 1-5 ti

L22 ANSWER 1 OF 2713 CAPLUS COPYRIGHT 2001 ACS
TI Functional significance of sperm surface mannosidase in mammalian fertilization

L22 ANSWER 2 OF 2713 CAPLUS COPYRIGHT 2001 ACS
TI Effect of cathepsins B, L, L-like and calpain on the protein degradation of surimi

L22 ANSWER 3 OF 2713 CAPLUS COPYRIGHT 2001 ACS
TI Involvement of GTP in the primary proteolysis of the D1 protein during photoinhibition of photosystem II

L22 ANSWER 4 OF 2713 CAPLUS COPYRIGHT 2001 ACS
TI Interferon-gamma. increase the permeability of ovalbumin across the Caco-2 cells

L22 ANSWER 5 OF 2713 CAPLUS COPYRIGHT 2001 ACS
TI Dibutyl cyclic AMP-induced enhancement of RB protein degradation in human hepatoma cells

=> d his

(FILE 'HOME' ENTERED AT 15:35:40 ON 30 AUG 2001)

FILE 'ADISALERTS, ADISINSIGHT, AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL, DRUGU, DRUGUPDATES, ...' ENTERED AT 15:36:40 ON 30 AUG 2001

L1 6847 S UBIQUI? AND REPORTER
L2 1 S L1 AND DESTABLIZ?

FILE 'STNGUIDE' ENTERED AT 15:39:04 ON 30 AUG 2001
L3 0 S L1 AND REGULAT?

FILE 'CAPLUS, MEDLINE, EMBASE' ENTERED AT 15:45:13 ON 30 AUG 2001

L4 3594 S UBIQUI? AND REPORT? AND REGULAT?
L5 170 S L4 AND ?STABILIZ?
L6 72 DUP REM L5 (98 DUPLICATES REMOVED)
L7 3233 S UBIQUI? AND (FUSE? OR FUSION) AND PROTEIN
L8 2030 S UBIQUI? AND FUSION PROTEIN
L9 190 S L8 AND REPORTER
L10 146 DUP REM L9 (44 DUPLICATES REMOVED)
SET SMA OFF
SET SMA ON
SET SMA LOGIN

FILE 'CAPLUS' ENTERED AT 15:56:01 ON 30 AUG 2001
L12 1 S L***

FILE 'CAPLUS, MEDLINE, EMBASE' ENTERED AT 15:56:08 ON 30 AUG 2001
SET SMA OFF

SET SMA ON
SET SMA LOGIN

FILE 'CAPLUS' ENTERED AT 16:00:34 ON 30 AUG 2001
L14 1 S L***

FILE 'CAPLUS, MEDLINE, EMBASE' ENTERED AT 16:00:40 ON 30 AUG 2001

FILE 'STNGUIDE' ENTERED AT 16:02:18 ON 30 AUG 2001
L15 0 S PROTEIN DEGRAD?

FILE 'CAPLUS, MEDLINE, EMBASE' ENTERED AT 16:07:13 ON 30 AUG 2001

L16 38481 S PROTEIN DEGRAD?
L17 0 S PROTEIN DEGRAD/TI
L18 0 S PROEITIN DEGRAD?/TI
L19 0 S PROTEIN DEGRAD?/TI
L20 4073 S L16 AND REPORT?
L21 3558 DUP REM L20 (515 DUPLICATES REMOVED)
L22 2713 S L21 AND PY<2000

=> s l22 and ?cleav?
L23 763 L22 AND ?CLEAV?

=> d 1-10

L23 ANSWER 1 OF 763 CAPLUS COPYRIGHT 2001 ACS
AN 2000:279729 CAPLUS
DN 133:263993
TI Involvement of GTP in the primary proteolysis of the D1 protein during photoinhibition of photosystem II
AU Spetee, Cornelia; Hundal, Torill; Lohmann, Felix; Andersson, Bertil
CS Department of Biochemistry, Arrhenius Laboratories for Natural Sciences, Stockholm University, Stockholm, S-106 91, Swed.
SO Photosynth.: Mech. Eff., Proc. Int. Congr. Photosynth., 11th (1998), Volume 3, 2019-2022. Editor(s): Garab, Gyoza. Publisher: Kluwer Academic Publishers, Dordrecht, Neth.
CODEN: 68VVAS
DT Conference
LA English
RE CNT 12
RE
(1) Adam, Z; Plant Mol Biol 1996, V32, P773 CAPLUS
(2) Andersson, B; Biochim Biophys Acta 1976, V423, P122 CAPLUS
(3) Andersson, B; Physiol Plant 1997, V100, P780 CAPLUS
(4) Aro, E; Biochim Biophys Acta 1990, V1019, P269 CAPLUS
(5) Ghanotakis, D; Biochim Biophys Acta 1984, V765, P388 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L23 ANSWER 2 OF 763 CAPLUS COPYRIGHT 2001 ACS
AN 2000:152141 CAPLUS
DN 133:72110
TI Dibutyl cyclic AMP-induced enhancement of RB protein degradation in human hepatoma cells
AU Okamoto, Yasuyuki
CS Department of Central Clinical Laboratory, Nara Medical University, Nara, 634-8522, Japan
SO Anticancer Res. (1999), 19(6B), 5181-5185
CODEN: ANTRD4; ISSN: 0250-7005
PB International Institute of Anticancer Research
DT Journal
LA English
RE CNT 15
RE
(1) Cho-Chung, Y; Science 1981, V214, P77 CAPLUS
(2) Diederich, L; Cell Biol Toxicol 1998, V14, P133 CAPLUS
(3) Galli, G; Exp Cell Res 1993, V204, P54 CAPLUS
(4) Giuffre, L; Cancer 1988, V61, P1132 CAPLUS
(5) Janicke, R; EMBO J 1996, V15, P6969 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L23 ANSWER 3 OF 763 CAPLUS COPYRIGHT 2001 ACS
AN 2000:41434 CAPLUS
DN 132:163759
TI Phosphorylation protects sperm-specific histones H1 and H2B from proteolysis after fertilization
AU Morin, Violeta; Acuna, Pamela; Diaz, Freddy; Inostroza, Diana; Martinez, Jose; Montecino, Martin; Puchi, Marcia; Imschenetzky, Maria
CS Department of Molecular Biology, Universidad de Concepcion, Casilla, 160-C, Chile
SO J. Cell. Biochem. (1999), Volume Date 2000, 76(2), 173-180
CODEN: JCEBD5; ISSN: 0730-2312
PB Wiley-Liss, Inc.
DT Journal
LA English
RE CNT 33
RE
(1) Abe, K; Exp Cell Res 1991, V192, P122 CAPLUS

(5) Chamberlain, J; Anal Biochem 1979, V98, P132 CAPLUS
 (6) Collas, P; J Biol Chem 1997, V272, P21274 CAPLUS
 (8) Crissman, H; Proc Natl Acad Sci 1991, V88, P7580 CAPLUS
 (9) Dufresne, L; J Cell Sci 1991, V99, P721 CAPLUS
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L23 ANSWER 4 OF 763 CAPLUS COPYRIGHT 2001 ACS
 AN 2000:11802 CAPLUS
 DN 132:135460

TI The metalloproteinase matrilysin proteolytically generates active soluble

Fas ligand and potentiates epithelial cell apoptosis
 AU Powell, William C.; Fingleton, Barbara; Wilson, Carole L.; Boothby, Mark;

Matrisian, Lynn M.
 CS Department of Cell Biology, Vanderbilt University School of Medicine, Nashville, TN, 37232-2175, USA

SO Curr. Biol. (1999), 9(24), 1441-1447
 CODEN: CUBLE2; ISSN: 0960-9822

PB Current Biology Publications

DT Journal

LA English

RE.CNT 40

RE

(1) Alexander, C; J Cell Biol 1996, V135, P1669 CAPLUS

(2) Ambas, J; J Biol Chem 1996, V271, P11376 CAPLUS

(3) Baker, A; J Clin Invest 1998, V101, P1478 CAPLUS

(4) Baragi, V; J Biol Chem 1994, V269, P12692 CAPLUS

(5) Barnett, J; Prot Exp Purif 1994, V5, P27 CAPLUS

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L23 ANSWER 5 OF 763 CAPLUS COPYRIGHT 2001 ACS

AN 2000:2091 CAPLUS

DN 132:120353

TI Efficient glycosylation site utilization by intracellular apolipoprotein B: implications for proteasomal degradation

AU Huang, Xue F.; Shelness, Gregory S.

CS Department of Pathology, Wake Forest University School of Medicine, Winston-Salem, NC, 27157-1040, USA

SO J. Lipid Res. (1999), 40(12), 2212-2222

CODEN: JLPRAW; ISSN: 0022-2275

PB Lipid Research, Inc.

DT Journal

LA English

RE.CNT 44

RE

(1) Andersson, S; J Biol Chem 1989, V264, P8222 CAPLUS

(2) Bonifacio, J; Annu Rev Cell Dev Biol 1998, V14, P19 CAPLUS

(3) Bonnardel, J; J Biol Chem 1995, V270, P28892 CAPLUS

(4) Cavallo, D; J Biol Chem 1998, V273, P33397 CAPLUS

(5) Chuck, S; Cell 1992, V68, P9 CAPLUS

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L23 ANSWER 6 OF 763 CAPLUS COPYRIGHT 2001 ACS

AN 1999:765085 CAPLUS

DN 132:77555

TI Human dendritic cells shed a functional, soluble form of the mannose receptor

AU Jordens, Reina; Thompson, Allan; Amons, Reinout; Koning, Frits

CS Department of Immunohaematology and Blood Bank, Leiden University Medical Center, Leiden, 2300 RC, Neth.

SO Int. Immunol. (1999), 11(11), 1775-1780

CODEN: INIMEN; ISSN: 0953-8178

PB Oxford University Press

DT Journal

LA English

RE.CNT 34

RE

(1) Bijsterbosch, M; Eur J Biochem 1996, V237, P344 CAPLUS

(3) Ehlers, M; Biochemistry 1991, V30, P10065 CAPLUS

(4) Engering, A; Eur J Immunol 1997, V27, P2417 CAPLUS

(5) Ezekowitz, R; J Exp Med 1990, V172, P1785 CAPLUS

(7) Fernandez-Patron, C; Anal Biochem 1995, V224, P203 CAPLUS

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L23 ANSWER 7 OF 763 CAPLUS COPYRIGHT 2001 ACS

AN 1999:750645 CAPLUS

DN 132:149452

TI Proteolytic degradation of the retinoblastoma family protein p107: a putative cooperative role of calpain and proteasome

AU Jang, Joung Soon; Choi, Yung Hyun

CS Department of Internal Medicine, Gyeongsang National University College of Medicine and Gyeongsang Institute of Cancer Research, Jinju, 660-701, S. Korea

SO Int. J. Mol. Med. (1999), 4(5), 487-492

CODEN: IJMMFG; ISSN: 1107-3756

PB International Journal of Molecular Medicine

DT Journal

LA English

RE.CNT 30

RE

(1) Alberts, A; Proc Natl Acad Sci USA 1980, V77, P3957 CAPLUS

(2) Beijersbergen, R; Biochim Biophys Acta 1996, V1287, P103 CAPLUS

(3) Boyer, S; Cancer Res 1996, V56, P4620 CAPLUS

(4) Choi, Y; J Biol Chem 1997, V272, P28479 CAPLUS

(5) Ciechanover, A; Cell 1994, V79, P13 CAPLUS

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L23 ANSWER 8 OF 763 CAPLUS COPYRIGHT 2001 ACS

AN 1999:707166 CAPLUS

DN 132:2293

TI Inactivation of proprotein convertase, PACE4, by .alpha.1-antitrypsin Portland (.alpha.1-PDX), a blocker of proteolytic activation of bone morphogenetic protein during embryogenesis: evidence that PACE4 is able to

form an SDS-stable acyl intermediate with .alpha.1-PDX

AU Tsuji, Akihiko; Hashimoto, Emi; Ikoma, Takayuki; Taniguchi, Takazumi;

Mori, Kenji; Nagahama, Masami; Matsuda, Yoshiko

CS Department of Biological Science and Technology, Faculty of Engineering, The University of Tokushima, Tokushima, 770-8506, Japan

SO J. Biochem. (Tokyo) (1999), 126(3), 591-603

CODEN: JOBIAO; ISSN: 0021-924X

PB Japanese Biochemical Society

DT Journal

LA English

RE.CNT 51

RE

(3) Beaubien, G; Cell Tissue Res 1995, V279, P539 CAPLUS

(5) Bradford, M; Anal Biochem 1976, V72, P248 CAPLUS

(6) Brakch, N; FEBS Lett 1995, V362, P143 CAPLUS

(7) Bruzzaniti, A; Biochem J 1996, V314, P727 CAPLUS

(8) Constam, D; J Cell Biol 1996, V134, P181 CAPLUS

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L23 ANSWER 9 OF 763 CAPLUS COPYRIGHT 2001 ACS

AN 1999:697151 CAPLUS

DN 132:31226

TI Cleavage of the death domain kinase RIP by Caspase-8 prompts TNF-induced apoptosis

AU Lin, Yong; Devin, Anne; Rodriguez, Yolanda; Liu, Zheng-Gang

CS Department of Cell and Cancer Biology, Medicine Branch, Division of Clinical Sciences, National Cancer Institute, National Institutes of Health, Bethesda, MD, 20892, USA

SO Genes Dev. (1999), 13(19), 2514-2526

CODEN: GEDEEP; ISSN: 0890-9369

PB Cold Spring Harbor Laboratory Press

DT Journal

LA English

RE.CNT 61

RE

(1) Ashkenazi, A; Science 1998, V281, P1305 CAPLUS

(2) Baeuerle, P; Cell 1996, V87, P13 CAPLUS

(3) Baeuerle, P; Cell 1998, V95, P729 CAPLUS

(5) Beg, A; Science 1996, V274, P782 CAPLUS

(6) Boldin, M; Cell 1996, V85, P803 CAPLUS

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L23 ANSWER 10 OF 763 CAPLUS COPYRIGHT 2001 ACS

AN 1999:675847 CAPLUS

DN 132:20878

TI Palmitoylation of the intracytoplasmic R peptide of the transmembrane envelope protein in Moloney murine leukemia virus

AU Olsen, Katharina E. P.; Andersen, Klaus B.

CS Department of Pharmacology, The Royal Danish School of Pharmacy, Copenhagen, DK-2100, Den.

SO J. Virol. (1999), 73(11), 8975-8981

CODEN: JOVIAM; ISSN: 0022-538X

PB American Society for Microbiology

DT Journal

LA English

RE.CNT 49

RE

(1) Ames, G; Biochemistry 1976, V15, P616 CAPLUS

(3) Battini, J; J Virol 1992, V66, P1468 CAPLUS

(4) Berger, M; FEBS Lett 1985, V187, P289 CAPLUS

(5) Bonatti, S; J Biol Chem 1989, V264, P12590 CAPLUS

(6) Cadwallader, K; Mol Cell Biol 1994, V14, P4722 CAPLUS

ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s (ubiqu? and ?stabil? and report?)/ti

LEFT TRUNCATION IGNORED FOR 'STABIL?' FOR FILE 'CAPLUS'

LEFT TRUNCATION IGNORED FOR 'STABIL?' FOR FILE 'MEDLINE'

LEFT TRUNCATION IGNORED FOR 'STABIL?' FOR FILE 'EMBASE'

L24 0 (UBIQU? AND ?STABIL? AND REPORT?)/TI

Left truncation is not valid in the specified search field in the

specified file. The term has been searched without left truncation.

Examples: 'TERPEN?' would be searched as 'TERPEN?' and

'FLAVONOID'

would be searched as 'FLAVONOID.'

If you are searching in a field that uses implied proximity, and you used a truncation symbol after a punctuation mark, the system may interpret the truncation symbol as being at the beginning of a term. Implied proximity is used in search fields indexed as single words, for example, the Basic Index.

=> s (ubiqu? and stabl? and report?)/ti
L25 0 (UBIQU? AND STABIL? AND REPORT?)/TI

=> s ubiq?/ti
L26 14788 UBIQ?/TI

=> s (stack, J? or Stack J)/au
L27 419 (STACK, J? OR STACK J)/AU

=> d 1-10

L27 ANSWER 1 OF 419 CAPLUS COPYRIGHT 2001 ACS
AN 2001:582076 CAPLUS
TI Methods of protein destabilization with noncleavable ubiquitin fusion proteins and uses in assays and in regulating target protein concentrations
IN Stack, Jeffrey H.; Whitney, Michael; Cubitt, Andrew B.; Pollok, Brian A.
PA Aurora Biosciences Corporation, USA
SO PCT Int. Appl., 171 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001057242	A2	20010809	WO 2001-US103791	20010202
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
PRAI	US 2000-498098	A2	20000204	

L27 ANSWER 2 OF 419 CAPLUS COPYRIGHT 2001 ACS
AN 2001:347350 CAPLUS
TI Printed wiring board wireability enhancement
IN Arndt, Steven Frederick; Budmani, Mark; Stack, James Richard
PA International Business Machines Corporation, USA
SO U.S., 10 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 6232564	B1	20010515	US 1998-169693	19981009
RE.CNT 9				
RE				
(1) Buckley, US 5477082		1995		
(2) Carey, US 5438166		1995		
(3) Howard, US 5708569		1998		
(4) Kanno, US 4791238		1988		
(5) Kutch, G; IBM Technical Disclosure Bulletin 1971, V13(12), P3653				

L27 ANSWER 3 OF 419 CAPLUS COPYRIGHT 2001 ACS
AN 2001:327257 CAPLUS
DN 134:317103
TI Monopoles, vortices and confinement in SU(3) lattice gauge theory
AU Wensley, Roy; Stack, John
CS Department of Physics and Astronomy, Saint Mary's College, Moraga, CA, 94575, USA
SO Nucl. Phys. B, Proc. Suppl. (2001), 94(Lattice 2000), 537-540
CODEN: NPBSE7; ISSN: 0920-5632
PB Elsevier Science B.V.
DT Journal
LA English
RE.CNT 12
RE
(3) Banks, T; Nucl Phys 1977, VB129, P493 CAPLUS
(4) Boryakov, V; JETP Lett 2000, V71, P231 CAPLUS
(8) Matsubara, Y; Nucl Phys B (Proc Suppl) 1995, V42, P529 CAPLUS
(10) Stack, J; Nucl Phys 1992, VB371, P597 CAPLUS

(12) Yee, K; Mod Phys Lett A 1994, P1991 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L27 ANSWER 4 OF 419 CAPLUS COPYRIGHT 2001 ACS
AN 2001:327255 CAPLUS
TI The Gribov ambiguity for maximal Abelian and center gauges in SU(2) lattice gauge theory
AU Stack, John D.; Tucker, William W.
CS Department of Physics, University of Illinois at Urbana-Champaign, Urbana, IL, 68101, USA
SO Nucl. Phys. B, Proc. Suppl. (2001), 94(Lattice 2000), 529-531
CODEN: NPBSE7; ISSN: 0920-5632
PB Elsevier Science B.V.
DT Journal
LA English
RE.CNT 11
RE
(1) Bali, G; Phys Rev 1995, VD51, P5165
(2) Bali, G; Phys Rev 1996, VD54, P2863
(3) Bertle, R; hep-lat/0010058
(4) Boryakov, V; JETP Lett 2000, V71, P231 CAPLUS
(5) Boryakov, V; hep-lat/0009035 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L27 ANSWER 5 OF 419 CAPLUS COPYRIGHT 2001 ACS
AN 2000:887483 CAPLUS
DN 134:128067
TI A ubiquitin-based tagging system for controlled modulation of protein stability
AU Stack, Jeffrey H.; Whitney, Michael; Rodems, Steven M.; Pollok, Brian A.
CS Aurora Biosciences Corp., San Diego, CA, 92121, USA
SO Nat. Biotechnol. (2000), 18(12), 1298-1302
CODEN: NABIF9; ISSN: 1087-0156
PB Nature America Inc.
DT Journal
LA English
RE.CNT 25
RE
(1) Bachmair, A; Cell 1989, V56, P1019 CAPLUS
(2) Bachmair, A; Science 1986, V234, P179 CAPLUS
(3) Butt, T; J Biol Chem 1988, V263, P16364 CAPLUS
(5) Corish, P; Protein Eng 1999, V12, P1035 CAPLUS
(6) Dantuma, N; Nat Biotechnol 2000, V18, P538 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L27 ANSWER 6 OF 419 CAPLUS COPYRIGHT 2001 ACS
AN 2000:850622 CAPLUS
DN 135:105
TI Development and application of a GFP-FRET intracellular caspase assay for drug screening
AU Jones, Jay; Heim, Roger; Hare, Eric; Stack, Jeffrey; Pollok, Brian A.
CS Aurora Biosciences Corporation, San Diego, CA, 92121, USA
SO J. Biomol. Screening (2000), 5(5), 307-317
CODEN: JBISF3; ISSN: 1087-0571
PB Mary Ann Liebert, Inc.
DT Journal
LA English
RE.CNT 25
RE
(1) Chandler, J; J Biol Chem 1998, V273, P10815 CAPLUS
(3) Dolle, R; J Med Chem 1994, V37, P563 CAPLUS
(5) Green, D; Cell 1998, V94, P695 CAPLUS
(6) Gryniewicz, G; J Biol Chem 1985, V260, P3440 CAPLUS
(7) Heim, R; Methods Enzymol 1999, V302, P408 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L27 ANSWER 7 OF 419 CAPLUS COPYRIGHT 2001 ACS
AN 2000:814004 CAPLUS
DN 134:121845
TI Cooling, monopoles, and vortices in SU(2) lattice gauge theory
AU Stack, John D.; Tucker, William W.; Hart, Alistair
CS Dep. Physics, Univ. Illinois, Urbana, IL, 61801, USA
SO Los Alamos Natl. Lab., Prepr. Arch., High Energy Phys.-Lattice (2000)
1-10, arXiv:hep-lat/0011057, 13 Nov 2000
CODEN: LNLHFF
URL: <http://xxx.lanl.gov/pdf/hep-lat/0011057>
PB Los Alamos National Laboratory
DT Journal; (preprint)
LA English
RE.CNT 10
RE
(1) Bali, G; Phys Rev D 1996, V54, P2863 CAPLUS
(3) Brower, R; Nucl Phys B (Proc Suppl) 1999, V73, P512 CAPLUS
(4) DeGrand, T; Phys Rev D 1980, V22, P2478 CAPLUS
(9) Kovacs, T; Phys Rev D 1998, V57, P4054 CAPLUS
(10) Stack, J; Phys Rev D 1994, V50, P3399 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

FILE 'HOME' ENTERED AT 13:14:09 ON 06 SEP 2001

=> fil caplus, embase, medline
COST IN U.S. DOLLARS SINCE FILE TOTAL
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FILE 'MEDLINE' ENTERED AT 13:14:20 ON 06 SEP 2001

=> s ubiquit? domain and (multimer or multiple or tandem or dosage
effect)
L1 6 UBIQUIT? DOMAIN AND (MULTIMER OR MULTIPLE OR
TANDEM OR DOSAGE
EFFECT)

=> l 1-6 ti
L IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> d 1-6 ti

L1 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2001 ACS
T1 Domains of the Rsp5 ubiquitin-protein ligase required for
receptor-mediated and fluid-phase endocytosis

L1 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2001 ACS
T1 The binding site for UCH-L3 on ubiquitin: mutagenesis and NMR
studies on
the complex between ubiquitin and UCH-L3

L1 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2001 ACS
T1 Mapping the ubiquitin-binding domains in the p54 regulatory complex
subunit of the Drosophila 26S protease

L1 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2001 ACS
T1 Positive regulation of general transcription factor SIII by a tailed
ubiquitin homolog

L1 ANSWER 5 OF 6 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
T1 The binding site for UCH-L3 on ubiquitin: Mutagenesis and NMR
studies on
the complex between ubiquitin and UCH-L3.

L1 ANSWER 6 OF 6 MEDLINE
T1 The binding site for UCH-L3 on ubiquitin: mutagenesis and NMR
studies on
the complex between ubiquitin and UCH-L3.

=> d 4 all

L1 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2001 ACS
AN 1995:736530 CAPLUS
DN 123:331391
T1 Positive regulation of general transcription factor SIII by a tailed
ubiquitin homolog
AU Garrett, Karla Pfeil; Aso, Teijiro; Bradsher, John N.; Foundling,
Stephen
I.; Lane, William S.; Conaway, Ronald C.; Conaway, Joan Weliky
CS Program in Molecular and Cell Biology, Oklahoma Medical Res.
Foundation,
Oklahoma City, OK, 73104, USA
SO Proc. Natl. Acad. Sci. U. S. A. (1995), 92(16), 7172-6
CODEN: PNASA6; ISSN: 0027-8424
DT Journal
LA English
CC 3-3 (Biochemical Genetics)
Section cross-reference(s): 6, 13
AB General transcription factor SIII, a heterotrimer composed of 110-kDa
(p110), 18-kDa (p18), and 15-kDa (p15) subunits, increases the
catalytic
rate of transcribing RNA polymerase II by suppressing transient
pausing by
polymerase at multiple sites on DNA templates. Here the authors
report mol. cloning and biochem. characterization of the SIII p18
subunit,
which is found to be a member of the ubiquitin homol. (UbH) gene
family
and functions as a pos. regulatory subunit of SIII. P18 is a 118-amino
acid protein composed of an 84-residue N-terminal UbH domain fused
to a

34-residue C-terminal tail. Mechanistic studies indicate that p18
activates SIII transcriptional activity above a basal level inherent in
the SIII p110 and p15 subunits. Taken together, these findings
establish
a role for p18 in regulating the activity of the RNA polymerase II
elongation complex, and they bring to light a function for a UbH domain
protein in transcriptional regulation.
ST rat transcription factor SIII p18 sequence; subunit p18 sequence
cDNA
transcription factor; RNA polymerase interaction transcription factor
SIII; ubiquitin transcription factor SIII subunit p18
IT Proteins, specific or class
RL: BAC (Biological activity or effector, except adverse); BPR
(Biological
process); PRP (Properties); BIOL (Biological study); PROC (Process)
(SIII p18 subunit as ubiquitin domain protein;
function for UbH domain protein in transcriptional regulation)
IT Ribonucleic acid formation factors
RL: BAC (Biological activity or effector, except adverse); BPR
(Biological
process); PRP (Properties); BIOL (Biological study); PROC (Process)
(SIII, p18 subunit; function for UbH domain protein in transcriptional
regulation)
IT Molecular association
Protein sequences
Rat
Transcription, genetic
(function for UbH domain protein in transcriptional regulation)
IT Gene, animal
RL: PRP (Properties)
(function for UbH domain protein in transcriptional regulation)
IT Deoxyribonucleic acid sequences
(complementary, function for UbH domain protein in transcriptional
regulation)
IT 9014-24-8, RNA polymerase
RL: BAC (Biological activity or effector, except adverse); BPR
(Biological
process); BIOL (Biological study); PROC (Process)
(II, subunit p18 relating to; function for UbH domain protein in
transcriptional regulation)
IT 165885-80-3
RL: BAC (Biological activity or effector, except adverse); BPR
(Biological
process); PRP (Properties); BIOL (Biological study); PROC (Process)
(amino acid sequence; function for UbH domain protein in
transcriptional regulation)
IT 60267-61-0, Ubiquitin
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(function for UbH domain protein in transcriptional regulation)
IT 170389-88-5
RL: PRP (Properties)
(nucleotide sequence; function for UbH domain protein in
transcriptional regulation)

=> s UbH domain and transcription? regulat?
L2 3 UBH DOMAIN AND TRANSCRIPTION? REGULAT?

=> d 1-3 ti

L2 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2001 ACS
T1 Positive regulation of general transcription factor SIII by a tailed
ubiquitin homolog

L2 ANSWER 2 OF 3 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
T1 Positive regulation of general transcription factor SIII by a tailed
ubiquitin homolog.

L2 ANSWER 3 OF 3 MEDLINE
T1 Positive regulation of general transcription factor SIII by a tailed
ubiquitin homolog.

=> s ubiquit? and regulat?/ti
L3 4039 UBIQUIT? AND REGULAT?/TI

=> s ubiquit? and reporter regulat?
L4 1 UBIQUIT? AND REPORTER REGULAT?

=> d

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2001 ACS
AN 2001:397050 CAPLUS
DN 135:1241
T1 Regulated expression constructs for cyclin dependent kinase inhibitor
genes and their use in identification of genes regulated by them
IN Chang, Bay-dih; Roninson, Igor B.
PA Board of Trustees of the University of Illinois, USA
SO PCT Int. Appl., 136 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 2

PATENT NO. KIND DATE APPLICATION NO. DATE

PI WO 2001038532 A2 20010531 WO 2000-US28082 20001011
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH,
CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM,
HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT,
RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ,
VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE,
CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,
CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
WO 2000061751 A1 20001019 WO 2000-US9286 20000407
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU,
CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS,
JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG,
MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL,
TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG,
KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH,
CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
PRAI US 1999-449589 A2 19991129
WO 2000-US9286 A2 20000407
US 1999-128676 P 19990409

=> d 1 abs

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2001 ACS
AB This invention provides methods and reagents for identifying genes
involved in cell cycle progression, growth promotion, modulation of
apoptosis, cellular senescence and aging, and methods for identifying
compds. that inhibit or potentiate cellular senescence. Specifically,
genes for p16 or p21 cyclin-dependent kinase inhibitors (CDK
inhibitors)
are placed under the control of promoters with known patterns of
regulation and the effects of expression of genes for the CDK inhibitors
on patterns of gene expression and cellular phenotypes are detd.
These
expression constructs can be used to screen for effectors of the
inhibitors that can be used to control the cell cycle and cell aging or
apoptosis. HT-1080 cells were transformed with an expression
construct
for a p21 from a cytomegalovirus promoter under control of the lac
repressor. This allowed lactose-dependent expression of the p21
gene.
Induction of the gene led to a loss of clonogenicity and to an increased
no. of abnormal mitotic figures and endoreduplication. A no. of genes
that were induced or repressed by p21 expression were identified and
patterns of regulation by other stimuli were studied.

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FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Aug 31, 2001 (20010831/UP).

=> s protein degradation signal
7 PROTEIN
2 DEGRADATION
0 SIGNAL
L5 0 PROTEIN DEGRADATION SIGNAL
(PROTEIN(W)DEGRADATION(W)SIGNAL)

=> fil caplus, embase, medline
COST IN U.S. DOLLARS SINCE FILE TOTAL

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FULL ESTIMATED COST
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE
FILE TOTAL ENTRY SESSION
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=> s protein degradation signal
L6 26 PROTEIN DEGRADATION SIGNAL
=> dup
ENTER REMOVE, IDENTIFY, ONLY, OR (?):rem
ENTER L# LIST OR (END):l6
PROCESSING COMPLETED FOR L6
L7 20 DUP REM L6 (6 DUPLICATES REMOVED)
=> d 1-7ti
'1-7TI' IS NOT A VALID FORMAT
In a multifile environment, a format can only be used if it is valid
in at least one of the files. Refer to file specific help messages
or the STNGUIDE file for information on formats available in
individual files.
REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):ti
L7 ANSWER 1 OF 20 MEDLINE
TI Degradation signals within both terminal domains of the cauliflower
mosaic
virus capsid protein precursor.
=> d 1-10 ti
L7 ANSWER 1 OF 20 MEDLINE
TI Degradation signals within both terminal domains of the cauliflower
mosaic
virus capsid protein precursor.
L7 ANSWER 2 OF 20 EMBASE COPYRIGHT 2001 ELSEVIER SCI.
B.V.
TI Application of the PHO5-gene-fusion technology to molecular genetics
and
biotechnology in yeast.
L7 ANSWER 3 OF 20 EMBASE COPYRIGHT 2001 ELSEVIER SCI.
B.V.DUPLICATE 1
TI Degradation of transcription factor IRF-1 by the ubiquitin-proteasome
pathway. The C-terminal region governs the protein stability.
L7 ANSWER 4 OF 20 CAPLUS COPYRIGHT 2001 ACS
TI Hepatocellular hydration: signal transduction and functional
implications
L7 ANSWER 5 OF 20 CAPLUS COPYRIGHT 2001 ACS
TI Intracellular proteolysis: signals of selective protein degradation
L7 ANSWER 6 OF 20 CAPLUS COPYRIGHT 2001 ACS
TI Signal-induced protein degradation by the ubiquitin ligase complex,
SCF
L7 ANSWER 7 OF 20 CAPLUS COPYRIGHT 2001 ACS
TI Evaluation of signals activating ubiquitin-proteasome proteolysis in a
model of muscle wasting
L7 ANSWER 8 OF 20 CAPLUS COPYRIGHT 2001 ACS
TI Dissection of pathways leading to antigen receptor-induced and
Fas/CD95-induced apoptosis in human B cells
L7 ANSWER 9 OF 20 CAPLUS COPYRIGHT 2001 ACS
TI Signal-dependent degradation of I.kappa.B.alpha. is mediated by an
inducible destruction box that can be transferred to NF-kappa.B, Bcl-3
or
p53
L7 ANSWER 10 OF 20 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 2
TI Notch/LIN-12 signaling: transduction by regulated protein slicing
=> d 11-20 ti
L7 ANSWER 11 OF 20 CAPLUS COPYRIGHT 2001 ACS

T1 Phosphorylation of I.kappa.B.-alpha. inhibits its cleavage by caspase CPP32 in vitro

L7 ANSWER 12 OF 20 CAPLUS COPYRIGHT 2001 ACS

T1 The *Listeria monocytogenes*-secreted p60 protein is an N-end rule substrate in the cytosol of infected cells. Implications for major histocompatibility complex class I antigen processing of bacterial proteins

L7 ANSWER 13 OF 20 CAPLUS COPYRIGHT 2001 ACS

T1 The signal response of I.kappa.B.-alpha. is regulated by transferable N- and C-terminal domains

L7 ANSWER 14 OF 20 CAPLUS COPYRIGHT 2001 ACS

T1 Signals regulating accelerated muscle protein catabolism in uremia

L7 ANSWER 15 OF 20 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.DUPLICATE 3

T1 Phosphorylation events associated with different states of activation of a hepatic cardiolipin/protease-activated protein kinase. Structural identity to the protein kinase N-type protein kinases.

L7 ANSWER 16 OF 20 CAPLUS COPYRIGHT 2001 ACS

T1 Mixed mechanisms in yeast pre-mRNA splicing?

L7 ANSWER 17 OF 20 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.DUPLICATE 4

T1 Metabolism of the polyubiquitin degradation signal: Structure, mechanism, and role of isopeptidase T.

L7 ANSWER 18 OF 20 MEDLINE

T1 Heteronuclear three-dimensional NMR spectroscopy of a partially denatured protein: the A-state of human ubiquitin.

L7 ANSWER 19 OF 20 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.DUPLICATE 5

T1 Isolation of cDNA clone encoding rat senescence marker protein-30 (SMP30) and its tissue distribution.

L7 ANSWER 20 OF 20 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.DUPLICATE 6

T1 Protein synthesis, posttranslational modifications, and aging.

=> d 17 abs, so

L7 ANSWER 17 OF 20 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.DUPLICATE 4

AB A necessary step in ubiquitin-dependent proteolysis is the addition of a

polyubiquitin chain to the target protein. This ubiquitinated protein is degraded by a multisubunit complex known as the 26S proteasome.

The polyubiquitin chain is probably not released until a late stage in the proteolysis by the proteasome. It is subsequently disassembled to yield functional ubiquitin monomers. Here we present evidence that a 93

kDa protein, isopeptidase T, has the properties expected for the enzyme which

disassembles these branched polyubiquitin chains. Protein and cDNA sequencing revealed that isopeptidase T is a member of the ubiquitin specific protease family (UBP). Isopeptidase T disassembles branched polyubiquitin chains (linked by the G76-K48 isopeptide bond) by a sequential exo mechanism, starting at the proximal end of the chain

(the proximal ubiquitin contains a free carboxyl-terminus). Isopeptidase T prefers to disassemble chains in which there is an intact and unblocked RGG sequence at the C-terminus of the proximal subunit. Rates of disassembly are reduced when G76 of the proximal ubiquitin is modified,

for example, by ligation to substrate protein, by esterification, by replacement of the proximal glycine with alanine (G76A), or by truncation.

Linear polyubiquitin is only a poor substrate. Observed rates and specificity are consistent with isopeptidase T playing a major role in disassembly of polyubiquitin chains. The high discrimination against chains that are blocked or modified at the proximal end indicates that

the enzyme acts after release of the chains from conjugated proteins or degradation intermediates. Thus, the proteolytic degradation signal is not

disassembled by isopeptidase T before the ubiquitinated protein is degraded. These (and earlier) results suggest that UBP isozymes may exhibit significant substrate specificity, consistent with a role in the regulated catabolism of the polymeric ubiquitin, including the polyubiquitin protein degradation signal.

SO Biochemistry, (1995) 34/44 (14535-14546).

ISSN: 0006-2960 CODEN: BICHAW

=> s polyubiquit? and (proteoly? or degrad? or breakdown)/ti
L8 626 POLYUBIQUIT? AND (PROTEOLY? OR DEGRAD? OR BREAKDOWN)

=> s polyubiquit? and (proteoly? or degrad? or breakdown)/ti
L9 247 POLYUBIQUIT? AND (PROTEOLY? OR DEGRAD? OR BREAKDOWN)/TI

=> d 1-10 ti

L9 ANSWER 1 OF 247 CAPLUS COPYRIGHT 2001 ACS

T1 Polyamine analogues inhibit the ubiquitination of spermidine/spermine N1-acetyltransferase and prevent its targeting to the proteasome for degradation

L9 ANSWER 2 OF 247 CAPLUS COPYRIGHT 2001 ACS

T1 Space shuttle flight (STS-90) enhances degradation of rat myosin heavy chain in association with activation of ubiquitin-proteasome pathway

L9 ANSWER 3 OF 247 CAPLUS COPYRIGHT 2001 ACS

T1 A complex degradation signal in Cyclin A required for G1 arrest, and a C-terminal region for mitosis

L9 ANSWER 4 OF 247 CAPLUS COPYRIGHT 2001 ACS

T1 Ubiquitin-proteasome-dependent proteolysis: a complex machinery specialized in the selective and highly controlled breakdown of proteins

L9 ANSWER 5 OF 247 CAPLUS COPYRIGHT 2001 ACS

T1 Regulation of the cell cycle at the G1-S transition by proteolysis of cyclin E and p27Kip1

L9 ANSWER 6 OF 247 CAPLUS COPYRIGHT 2001 ACS

T1 Role of proteasomal degradation in the cell cycle-dependent regulation of DNA topoisomerase II.alpha. expression

L9 ANSWER 7 OF 247 CAPLUS COPYRIGHT 2001 ACS

T1 Accelerated HER-2 degradation enhances ovarian tumor recognition by CTL. Implications for tumor immunogenicity

L9 ANSWER 8 OF 247 CAPLUS COPYRIGHT 2001 ACS

T1 The F-Box Protein SKP2 Binds to the Phosphorylated Threonine 380 in Cyclin E and Regulates Ubiquitin-Dependent Degradation of Cyclin E

L9 ANSWER 9 OF 247 CAPLUS COPYRIGHT 2001 ACS

T1 Shared pathways of I.kappa.B kinase-induced SCF.beta.TrCP-mediated ubiquitination and degradation for the NF-.kappa.B precursor p105 and I.kappa.B.alpha.

L9 ANSWER 10 OF 247 CAPLUS COPYRIGHT 2001 ACS

T1 Rapid polyubiquitination and proteasomal degradation of a mutant form of NAD(P)H:quinone oxidoreductase 1

=> d 8 so, abs

L9 ANSWER 8 OF 247 CAPLUS COPYRIGHT 2001 ACS
SO Biochem. Biophys. Res. Commun. (2001), 281(4), 884-890
CODEN: BBRCAS; ISSN: 0006-291X

AB Cyclin E is required for S phase entry. The subsequent ubiquitin-dependent degradn. of cyclin E contributes to an orderly progression of the S phase. It has been shown that phosphorylation of threonine 380 (Thr380) in cyclin E provides a signal for its ubiquitin-dependent proteolysis. We report that SKP2, an F-box protein and a substrate-targeting component of the SCFSKP2 ubiquitin E3

ligase complex, mediates cyclin E degradn. In vitro, SKP2 specifically interacted with the cyclin E peptide contg. the phosphorylated-Thr380 but not with

a cognate nonphosphorylated peptide. In vivo, expression of SKP2 induced

cyclin E polyubiquitination and degradn. Conversion of Thr380 into nonphosphorylatable amino acids caused significant resistance of cyclin E to SKP2. The presence of the CDK inhibitor p27Kip1 also prevented the SKP2-dependent degradn. of cyclin E. Our findings suggest that SKP2 regulates cyclin E stability, thus contributing to the control of S phase progression. (c) 2001 Academic Press.

=> s (polyubiquit? and (proteoly? or degrad? or breakdown))/ti and
py<1999

2 FILES SEARCHED...

L10 18 (POLYUBIQUIT? AND (PROTEOLY? OR DEGRAD? OR BREAKDOWN))/TI AND

PY<1999

=> d 1-18 so, ti

L10 ANSWER 1 OF 18 CAPLUS COPYRIGHT 2001 ACS
SO EMBO J. (1997), 16(16), 4826-4838

CODEN: EMJODG; ISSN: 0261-4189

TI In vivo disassembly of free polyubiquitin chains by yeast Ubp14
modulates rates of protein degradation by the proteasome

L10 ANSWER 2 OF 18 CAPLUS COPYRIGHT 2001 ACS

SO J. Biol. Chem. (1996), 271(37), 22796-22801

CODEN: JBCHA3; ISSN: 0021-9258

TI Polyubiquitination and proteasomal degradation of the
p185c-erbB-2 receptor protein-tyrosine kinase induced by
geldanamycin

L10 ANSWER 3 OF 18 CAPLUS COPYRIGHT 2001 ACS

SO Biochemistry (1995), 34(44), 14535-46

CODEN: BICHAW; ISSN: 0006-2960

TI Metabolism of the polyubiquitin degradation signal:
structure, mechanism, and role of isopeptidase T

L10 ANSWER 4 OF 18 CAPLUS COPYRIGHT 2001 ACS

SO J. Biol. Chem. (1992), 267(2), 719-27

CODEN: JBCHA3; ISSN: 0021-9258

TI A ubiquitin C-terminal isopeptidase that acts on polyubiquitin
chains. Role in protein degradation

L10 ANSWER 5 OF 18 CAPLUS COPYRIGHT 2001 ACS

SO J. Biol. Chem. (1990), 265(35), 21664-9

CODEN: JBCHA3; ISSN: 0021-9258

TI Ubiquitin-mediated degradation of histone H3 does not require
the substrate-binding ubiquitin protein ligase, E3, or attachment of
polyubiquitin chains

L10 ANSWER 6 OF 18 CAPLUS COPYRIGHT 2001 ACS

SO Biochem. Biophys. Res. Commun. (1989), 162(1), 89-94

CODEN: BBRCA3; ISSN: 0006-291X

TI Inhibition of ubiquitin-dependent proteolysis by
des-Gly-Gly-ubiquitin: implications for the mechanism of
polyubiquitin synthesis

L10 ANSWER 7 OF 18 EMBASE COPYRIGHT 2001 ELSEVIER SCI.

B.V.

SO EMBO Journal, (1997) 16/16 (4826-4838).

Refs: 42

ISSN: 0261-4189 CODEN: EMJODG

TI In vivo disassembly of free polyubiquitin chains by yeast Ubp14
modulates rates of protein degradation by the proteasome.

L10 ANSWER 8 OF 18 EMBASE COPYRIGHT 2001 ELSEVIER SCI.

B.V.

SO Journal of Biological Chemistry, (1996) 271/37 (22796-22801).

ISSN: 0021-9258 CODEN: JBCHA3

TI Polyubiquitination and proteasomal degradation of the
p185(c-erbB-2) receptor protein-tyrosine kinase induced by
geldanamycin.

L10 ANSWER 9 OF 18 EMBASE COPYRIGHT 2001 ELSEVIER SCI.

B.V.

SO Biochemistry, (1995) 34/44 (14535-14546).

ISSN: 0006-2960 CODEN: BICHAW

TI Metabolism of the polyubiquitin degradation signal:
Structure, mechanism, and role of isopeptidase T.

L10 ANSWER 10 OF 18 EMBASE COPYRIGHT 2001 ELSEVIER SCI.

B.V.

SO Journal of Biological Chemistry, (1992) 267/2 (719-727).

ISSN: 0021-9258 CODEN: JBCHA3

TI A ubiquitin C-terminal isopeptidase that acts on polyubiquitin
chains: Role in protein degradation.

L10 ANSWER 11 OF 18 EMBASE COPYRIGHT 2001 ELSEVIER SCI.

B.V.

SO Journal of Biological Chemistry, (1990) 265/35 (21664-21669).

ISSN: 0021-9258 CODEN: JBCHA3

TI Ubiquitin-mediated degradation of histone H3 does not require
the substrate-binding ubiquitin protein ligase, E3, or attachment of
polyubiquitin chains.

L10 ANSWER 12 OF 18 EMBASE COPYRIGHT 2001 ELSEVIER SCI.

B.V.

SO Biochemical and Biophysical Research Communications, (1989)

162/1 (89-94).

ISSN: 0006-291X CODEN: BBRCA

TI Inhibition of ubiquitin-dependent proteolysis by
des-Gly-Gly-ubiquitin: Implications for the mechanism of
polyubiquitin synthesis.

L10 ANSWER 13 OF 18 MEDLINE

SO EMBO JOURNAL, (1997 Aug 15) 16 (16) 4826-38.

Journal code: EMB; 8208664. ISSN: 0261-4189.

TI In vivo disassembly of free polyubiquitin chains by yeast Ubp14
modulates rates of protein degradation by the proteasome.

L10 ANSWER 14 OF 18 MEDLINE

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1996 Sep 13) 271 (37)
22796-801.

Journal code: HIV; 2985121R. ISSN: 0021-9258.

TI Polyubiquitination and proteasomal degradation of the
p185c-erbB-2 receptor protein-tyrosine kinase induced by
geldanamycin.

L10 ANSWER 15 OF 18 MEDLINE

SO BIOCHEMISTRY, (1995 Nov 7) 34 (44) 14535-46.

Journal code: A0G; 0370623. ISSN: 0006-2960.

TI Metabolism of the polyubiquitin degradation signal:
structure, mechanism, and role of isopeptidase T.

L10 ANSWER 16 OF 18 MEDLINE

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1992 Jan 15) 267 (2)
719-27.

Journal code: HIV; 2985121R. ISSN: 0021-9258.

TI A ubiquitin C-terminal isopeptidase that acts on polyubiquitin
chains. Role in protein degradation.

L10 ANSWER 17 OF 18 MEDLINE

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1990 Dec 15) 265 (35)
21664-9.

Journal code: HIV; 2985121R. ISSN: 0021-9258.

TI Ubiquitin-mediated degradation of histone H3 does not require
the substrate-binding ubiquitin protein ligase, E3, or attachment of
polyubiquitin chains.

L10 ANSWER 18 OF 18 MEDLINE

SO BIOCHEMICAL AND BIOPHYSICAL RESEARCH
COMMUNICATIONS, (1989 Jul 14)

162 (1) 89-94.

Journal code: 9Y8; 0372516. ISSN: 0006-291X.

TI Inhibition of ubiquitin-dependent proteolysis by
des-Gly-Gly-ubiquitin: implications for the mechanism of
polyubiquitin synthesis.

=> d 18 abs

L10 ANSWER 18 OF 18 MEDLINE

AB Cleavage of the two carboxyl-terminal glycine residues from native
ubiquitin yields the proteolysis-incompetent derivative
des-Gly-Gly-ubiquitin. We report here that this derivative inhibits the
ATP-dependent degradation of casein and is multi-ubiquitinated but not
degraded by reticulocyte lysates. Inhibition of proteolysis diminished
with increasing concentration of native ubiquitin, but was not reduced
by

increased casein concentration. Cleavage of the last four residues from
ubiquitin yielded a derivative that was a weaker inhibitor of proteolysis
and a poorer substrate for ubiquitination. These results suggest that
the

conjugation of ubiquitin to ubiquitin during polyubiquitin synthesis
involves a specific conjugation system that recognizes ubiquitin and
some
of its derivatives, but not general proteolysis substrates, as ubiquitin
acceptors.

=> s ((regulat? or induc? or control? or depend?) and (proteoly? or
degrad? or stabl?) and domain)/ti

L11 271 ((REGULAT? OR INDUC? OR CONTROL? OR DEPEND?)
AND (PROTEOLY? OR
DEGRAD? OR STABIL?) AND DOMAIN)/TI

=> dup

ENTER REMOVE, IDENTIFY, ONLY, OR (?):rem

ENTER L# LIST OR (END):l11

PROCESSING COMPLETED FOR L11

L12 106 DUP REM L11 (165 DUPLICATES REMOVED)

=> d 50-60 ti

L12 ANSWER 50 OF 106 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 47

TI Expression in Escherichia coli, phosphorylation with cAMP-
dependent protein kinase and proteolysis by calpain of a
71-kDa domain of human endothelial actin binding protein

L12 ANSWER 51 OF 106 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 48

TI Structural comparison in solution of a native and retro peptide derived
from the third helix of Staphylococcus aureus protein A, domain
B: retro peptides, a useful tool for the discrimination of helix
stabilization factors dependent on the peptide chain
orientation

L12 ANSWER 52 OF 106 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 49

TI A 27-kDa matrix receptor from rat brain synaptosomes: selective recognition of the Arg-Gly-Asp-Ser domain and unique resistance to calcium-dependent proteolysis

L12 ANSWER 53 OF 106 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 50

TI A chimeric tyrosine/tryptophan hydroxylase. The tyrosine hydroxylase regulatory domain serves to stabilize enzyme activity

L12 ANSWER 54 OF 106 CAPLUS COPYRIGHT 2001 ACS

TI Cellular processing of vitamin k-dependent proteins: stability of protein precursors in the endoplasmic reticulum (plasma proteins, kringle domains)

L12 ANSWER 55 OF 106 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 51

TI Modular structure of glucocorticoid receptor domains is not equivalent to functional independence. Stability and activity of the steroid binding domain are controlled by sequences in separate domains

L12 ANSWER 56 OF 106 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 52

TI Signal transduction by activated mNotch: importance of proteolytic processing and its regulation by the extracellular domain

L12 ANSWER 57 OF 106 CAPLUS COPYRIGHT 2001 ACS

TI Magnetically induced superresolution using domain stability

L12 ANSWER 58 OF 106 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 53

TI Temperature and pH dependences of hydrogen exchange and global stability for ovomucoid third domain

L12 ANSWER 59 OF 106 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 54

TI Multiple structural domains within I.kappa.B.alpha. are required for its inducible degradation by both cytokines and phosphatase inhibitors

L12 ANSWER 60 OF 106 CAPLUS COPYRIGHT 2001 ACS

TI Simultaneous stabilization with multiple bounded domains of stability (robust control)

=> d 60 so, abs

L12 ANSWER 60 OF 106 CAPLUS COPYRIGHT 2001 ACS
SO (1995) 199 pp. Avail.: Univ. Microfilms Int., Order No.: DA9531061
From: Diss. Abstr. Int., B 1995, 56(5), 2770
AB Unavailable

=> d 59 so, abs

L12 ANSWER 59 OF 106 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 54

SO Biochem. Biophys. Res. Commun. (1996), 223(1), 123-128
CODEN: BBRCAG; ISSN: 0006-291X

AB Activation of the transcription factor NF-kappa.B by various cellular stimuli involves phosphorylation and subsequent degrdn. of its inhibitor I.kappa.B.alpha.. Both the cytokine tumor necrosis factor alpha (TNF-alpha.) and the phosphatase inhibitor calyculin A have been

shown to induce rapid phosphorylation and degrdn. of I.kappa.B.alpha.. In the present study, we demonstrate that TNF-alpha. and calyculin A stimulate

similar although not identical pattern of I.kappa.B.alpha. phosphorylation, as demonstrated by phosphopeptide mapping. Interestingly, phosphorylation of I.kappa.B.alpha. induced by both inducers involves serine-32 and serine-36 of I.kappa.B.alpha.. Furthermore, TNF-alpha. and calyculin A-induced degrdn. of I.kappa.B.alpha. appears to require the same structural domains within I.kappa.B.alpha.. In addn. to the N-terminal phosphorylation sites and the C-terminal sequences, each of the five ankyrin-like repeats of I.kappa.B.alpha. is critically required for the inducible degrdn. of this NF-kappa.B inhibitor. Together, these studies suggest that degrdn. of I.kappa.B.alpha. by both cytokines and phosphatase inhibitors is

regulated by site-specific phosphorylation and requires multiple structural domains.

=> s ((ubiq? and (proteoly? or stabl? or degrad?) and report?)/ti
UNMATCHED LEFT PARENTHESIS '((UBIQ?'

The number of right parentheses in a query must be equal to the number of left parentheses.

=> s (ubiq? and (proteoly? or stabl? or degrad?) and report?)/ti

L13 2 (UBIQ? AND (PROTEOLY? OR STABIL? OR DEGRAD?)
AND REPORT?)/TI

=> d 1-2 so, ti

L13 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2001 ACS

SO Proc. Natl. Acad. Sci. U. S. A. (1993), 90(2), 418-21
CODEN: PNASAB; ISSN: 0027-8424

TI Use of a reporter transgene to generate Arabidopsis mutants in ubiquitin-dependent protein degradation

L13 ANSWER 2 OF 2 EMBASE COPYRIGHT 2001 ELSEVIER SCI.
B.V.

SO Proceedings of the National Academy of Sciences of the United States of America, (1993) 90(2) (418-421).
ISSN: 0027-8424 CODEN: PNASAB

TI Use of a reporter transgene to generate Arabidopsis mutants in ubiquitin-dependent protein degradation.

=> d 1 all

L13 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2001 ACS

AN 1993:95280 CAPLUS
DN 118:95280

TI Use of a reporter transgene to generate Arabidopsis mutants in ubiquitin-dependent protein degradation

AU Bachmair, Andreas; Becker, Frank; Schell, Jeff

CS Max-Planck-Inst. Zuchtungsforsch., Cologne, D-5000/30, Germany

SO Proc. Natl. Acad. Sci. U. S. A. (1993), 90(2), 418-21
CODEN: PNASAB; ISSN: 0027-8424

DT Journal
LA English

CC 3-2 (Biochemical Genetics)

Section cross-reference(s): 6, 11

AB Ubiquitin-dependent proteolysis is a major proteolytic pathway in the cytoplasm and nucleus of eukaryotic cells. The authors introduced a gene

encoding a substrate for this pathway into the genome of A. thaliana. The

transgene codes for a hybrid protein consisting of dihydrofolate reductase

(DHFR, EC 1.5.1.3) fused to a degrdn. signal that is specifically recognized by components of the ubiquitin-dependent proteolysis pathway.

Elevated concns. of the DHFR protein confer resistance to the drug methotrexate, but rapid degrdn. prevents accumulation of the protein in the plant. Therefore, transgenic A. thaliana lines expressing the DHFR fusion protein are methotrexate-sensitive. Selection for mutants resistant to methotrexate resulted in plants impaired in degrdn. of the DHFR model substrate, as shown by an increase in protein level in the mutants.

ST ubiquitin dependent proteolysis reporter transgene Arabidopsis; dihydrofolate reductase reporter gene ubiquitin proteolysis

IT Mutation

(in ubiquitin-dependent protein degrdn. pathway, in Arabidopsis thaliana, use of reporter transgene for generation of)

IT Proteins, biological studies

RL: PRP (Properties)

(ubiquitin-dependent degrdn. of, use of reporter transgene to generate

Arabidopsis thaliana mutants in)

IT Arabidopsis thaliana

(ubiquitin-dependent proteolysis in, mutants in, reporter transgene constructs for generating)

IT Gene, plant

RL: BIOL (Biological study)

(prt1, for ubiquitin-dependent proteolysis, in Arabidopsis thaliana)

IT Gene, animal

RL: BIOL (Biological study)

(DHFR, for dihydrofolate reductase, as reporter transgene for generation of Arabidopsis thaliana mutants in ubiquitin-dependent

protein degrdn.)

IT 60267-61-0, Ubiquitin

RL: BIOL (Biological study)

(protein degrdn. dependent on, use of reporter transgene for generation

of Arabidopsis mutants deficient in)

IT 59-05-2, Methotrexate

RL: BIOL (Biological study)

(resistance to, for selection of Arabidopsis mutants impaired in ubiquitin-dependent protein generation)

IT 9002-03-3, Dihydrofolate reductase

RL: BIOL (Biological study)

(transgene for, as reporter for generation of Arabidopsis mutants in ubiquitin-dependent protein degrdn.)

=> FIL STNGUIDE

COST IN U.S. DOLLARS

FULL ESTIMATED COST

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	104.31	143.56

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FACHINFORMATIONSZENTRUM KARLSRUHE

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LAST RELOADED: Aug 31, 2001 (20010831/UP).

=> fil caplus, medline, embase

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COST IN U.S. DOLLARS			
FULL ESTIMATED COST	0.00		143.56

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE
FILE TOTAL

	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-2.94

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FILE 'EMBASE' ENTERED AT 13:55:50 ON 06 SEP 2001
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=> d his

(FILE 'HOME' ENTERED AT 13:14:09 ON 06 SEP 2001)

FILE 'CAPLUS, EMBASE, MEDLINE' ENTERED AT 13:14:20 ON 06
SEP 2001

L1 6 S UBIQUIT? DOMAIN AND (MULTIMER OR MULTIPLE OR
TANDEM OR DOSAGE
L2 3 S UBH DOMAIN AND TRANSCRIPTION? REGULAT?
L3 4039 S UBIQUIT? AND REGULAT?/TI
L4 1 S UBIQUIT? AND REPORTER REGULAT?

FILE 'STNGUIDE' ENTERED AT 13:23:41 ON 06 SEP 2001
L5 0 S PROTEIN DEGRADATION SIGNAL

FILE 'CAPLUS, EMBASE, MEDLINE' ENTERED AT 13:28:12 ON 06
SEP 2001

L6 26 S PROTEIN DEGRADATION SIGNAL
L7 20 DUP REM L6 (6 DUPLICATES REMOVED)
L8 626 S POLYUBIQUIT? AND (PROTEOLY? OR DEGRAD? OR
BREAKDOWN)
L9 247 S POLYUBIQUIT? AND (PROTEOLY? OR DEGRAD? OR
BREAKDOWN)/TI
L10 18 S (POLYUBIQUIT? AND (PROTEOLY? OR DEGRAD? OR
BREAKDOWN))/TI AND
L11 271 S ((REGULAT? OR INDUC? OR CONTROL? OR
DEPEND?) AND (PROTEOLY? O
L12 106 DUP REM L11 (165 DUPLICATES REMOVED)
L13 2 S (UBIQ? AND (PROTEOLY? OR STABIL? OR DEGRAD?)
AND REPORT?)/TI

FILE 'STNGUIDE' ENTERED AT 13:51:21 ON 06 SEP 2001

FILE 'CAPLUS, MEDLINE, EMBASE' ENTERED AT 13:55:50 ON 06
SEP 2001

=> s prot? and (degrad? or stabil?) and ((homolgy or recog?) and (domain
or motif))

1 FILES SEARCHED...
L14 3957 PROT? AND (DEGRAD? OR STABIL?) AND ((HOMOLGY
OR RECOG?) AND
(DOMAIN OR MOTIF))

=> s (prot? and (degrad? or stabil?) and ((homolgy or recog?) and
(domain or motif)))/ti

L15 6 (PROT? AND (DEGRAD? OR STABIL?) AND ((HOMOLGY
OR RECOG?) AND
(DOMAIN OR MOTIF)))/TI

=> dup

ENTER REMOVE, IDENTIFY, ONLY, OR (?):rem

ENTER L# LIST OR (END):l15

PROCESSING COMPLETED FOR L15

L16 2 DUP REM L15 (4 DUPLICATES REMOVED)

=> d 1-2 so, ti

L16 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 1

SO Nucleic Acids Res. (2000), 28(8), 1778-1784
CODEN: NARHAD; ISSN: 0305-1048

TI The RNA-binding domain of ribosomal protein L11
recognizes an rRNA tertiary structure stabilized by both
thiostrepton and magnesium ion

L16 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 2

SO Protein Eng. (1996), 9(6), 531-537
CODEN: PRENE9; ISSN: 0269-2139

TI Single antibody domains as small recognition units:
design and in vitro antigen selection of camelized, human VH
domains with improved protein stability

=> s (reporter regulation)/ti

L17 0 (REPORTER REGULATION)/TI

=> s ((ubiquit? domain) and (protease or kinase) and reporter)/ti

L18 0 ((UBIQUIT? DOMAIN) AND (PROTEASE OR KINASE) AND
REPORTER)/TI

=> s ((ubiquit? domain) and reporter)/ti

L19 0 ((UBIQUIT? DOMAIN) AND REPORTER)/TI

=> s (ubiquit? and reporter and (kinase or protease))/ti

L20 0 (UBIQUIT? AND REPORTER AND (KINASE OR
PROTEASE))/TI

=> s (ubiquit? and reporter and (kinase or protease))

L21 217 (UBIQUIT? AND REPORTER AND (KINASE OR
PROTEASE))

=> dup

ENTER REMOVE, IDENTIFY, ONLY, OR (?):rem

ENTER L# LIST OR (END):l21

PROCESSING COMPLETED FOR L21

L22 108 DUP REM L21 (109 DUPLICATES REMOVED)

=> d 20-30 so, ti

L22 ANSWER 20 OF 108 MEDLINE

SO EUROPEAN JOURNAL OF CELL BIOLOGY, (2000 May) 79 (5) 336-
42.

Journal code: EM7. ISSN: 0171-9335.

TI Identification of the universal cofactor (auxilin 2) in clathrin coat
dissociation.

L22 ANSWER 21 OF 108 CAPLUS COPYRIGHT 2001 ACS

SO Mol. Carcinog. (2000), 28(4), 215-224

CODEN: MOCAE8; ISSN: 0899-1987

TI Modulation of transcriptional activity of p53 by ultraviolet radiation:
linkage between p53 pathway and DNA repair through damage
recognition

L22 ANSWER 22 OF 108 CAPLUS COPYRIGHT 2001 ACS

DUPLICATE 11

SO Arch. Biochem. Biophys. (2000), 377(1), 204-212

CODEN: ABBIA4; ISSN: 0003-9861

TI Arsenic Inhibits NF-kappa.B-mediated Gene Transcription by
Blocking
I.kappa.B Kinase Activity and I.kappa.B.alpha. Phosphorylation
and Degradation

L22 ANSWER 23 OF 108 CAPLUS COPYRIGHT 2001 ACS

SO Methods Enzymol. (2000), 327(Applications of Chimeric Genes and
Hybrid

Proteins, Pt. B), 190-198

CODEN: MENZAU; ISSN: 0076-6879

TI Detecting interactions between membrane proteins in vivo using
chimeras

L22 ANSWER 24 OF 108 CAPLUS COPYRIGHT 2001 ACS

SO Cell Growth Differ. (2000), 11(3), 163-171

CODEN: CGDIE7; ISSN: 1044-9523

TI Expression of the A-raf proto-oncogene in the normal adult and
embryonic
mouse

L22 ANSWER 25 OF 108 MEDLINE

SO NATURE MEDICINE, (2000 Jan) 6 (1) 96-9.

Journal code: CGS; 9502015. ISSN: 1078-8956.

TI Reduced stability of retinoblastoma protein by gankyrin, an oncogenic
ankyrin-repeat protein overexpressed in hepatomas.

L22 ANSWER 26 OF 108 CAPLUS COPYRIGHT 2001 ACS

DUPLICATE 12

SO J. Pineal Res. (2000), 29(1), 24-33

CODEN: JPRSE9; ISSN: 0742-3098

TI Antisense experiments reveal molecular details on mechanisms of
ICER
suppressing cAMP-inducible genes in rat pinealocytes

L22 ANSWER 27 OF 108 CAPLUS COPYRIGHT 2001 ACS
SO PCT Int. Appl., 87 pp.
CODEN: PIXXD2

TI Mammalian expression constructs inducible by hyperthermia for use in
gene
therapy

L22 ANSWER 28 OF 108 CAPLUS COPYRIGHT 2001 ACS
SO PCT Int. Appl., 114 pp.
CODEN: PIXXD2

TI Coiled-coil domain peptides with post-translational modification
domains
for studying protein modification and protein interaction

L22 ANSWER 29 OF 108 CAPLUS COPYRIGHT 2001 ACS
SO PCT Int. Appl., 32 pp.
CODEN: PIXXD2

TI Identification and characterization of an I.kappa.B kinase

L22 ANSWER 30 OF 108 CAPLUS COPYRIGHT 2001 ACS
SO U.S., 61 pp., Cont. -in-part of U. S. Ser. No. 250,795.
CODEN: USXXAM

TI Molecular cloning and characterization of ubiquitin-conjugating
enzymes and their use in screening assays for agents able to inhibit
ubiquitin-mediated proteolysis

=> s (ubiquit? and reporter and (kinase or protease))/abs

'ABS' IS NOT A VALID FIELD CODE

'ABS' IS NOT A VALID FIELD CODE

'ABS' IS NOT A VALID FIELD CODE

L23 0 (UBIQUIT? AND REPORTER AND (KINASE OR
PROTEASE))/ABS

=> s (ubiquit? and reporter and (kinase or protease))/ab

L24 164 (UBIQUIT? AND REPORTER AND (KINASE OR
PROTEASE))/AB

=> d 1-10

L24 ANSWER 1 OF 164 CAPLUS COPYRIGHT 2001 ACS
AN 2001:582076 CAPLUS

TI Methods of protein destabilization with noncleavable ubiquitin fusion
proteins and uses in assays and in regulating target protein
concentrations

IN Stack, Jeffrey H.; Whitney, Michael; Cubitt, Andrew B.; Pollok, Brian
A.

PA Aurora Biosciences Corporation, USA

SO PCT Int. Appl., 171 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI WO 2001057242	A2	20010809	WO 2001-US3791	20010202
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W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH,

CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM,

HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,

LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT,

RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ,

VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE,

CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,

BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRAI US 2000-498098 A2 20000204

L24 ANSWER 2 OF 164 CAPLUS COPYRIGHT 2001 ACS
AN 2001:396028 CAPLUS

DN 135:132738

TI The serine/threonine transmembrane receptor ALK2 mediates
Mullerian

inhibiting substance signaling

AU Visser, Jenny A.; Olaso, Robert; Verhoef-Post, Miriam; Kramer, Piet;
Themmen, Axel P. N.; Ingraham, Holly A.

CS Department of Physiology, University of California, San Francisco,
San

Francisco, CA, 94143-0444, USA

SO Mol. Endocrinol. (2001), 15(6), 936-945

CODEN: MOENEN; ISSN: 0888-8809

PB Endocrine Society

DT Journal

LA English

RE.CNT 49

RE

(1) Abdollah, S; J Biol Chem 1997, V272, P27678 CAPLUS

(2) Attisano, L; Mol Cell Biol 1996, V16, P1066 CAPLUS

(3) Baarends, W; Development 1994, V120, P189 CAPLUS

(4) Baarends, W; Endocrinology 1995, V136, P4951 CAPLUS

(5) Baarends, W; Endocrinology 1995, V136, P5614 CAPLUS

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L24 ANSWER 3 OF 164 CAPLUS COPYRIGHT 2001 ACS

AN 2001:392903 CAPLUS

DN 135:151503

TI I.kappa.B kinase is critical for TNF-.alpha.-induced VCAM1 gene
expression

in renal tubular epithelial cells

AU Tu, Zheng; Kelley, Vicki Rubin; Collins, Tucker; Lee, Frank S.
CS Department of Pathology and Laboratory Medicine, University of
Pennsylvania School of Medicine, Philadelphia, PA, 19104, USA

SO J. Immunol. (2001), 166(11), 6839-6846

CODEN: JOIMA3; ISSN: 0022-1767

PB American Association of Immunologists

DT Journal

LA English

RE.CNT 63

RE

(2) Ashkenazi, A; Science 1998, V281, P1305 CAPLUS

(3) Baldwin, A; Annu Rev Immunol 1996, V14, P649 CAPLUS

(4) Beg, A; Nature 1995, V376, P167 CAPLUS

(5) Brady, L; Kidney Int 1994, V45, P1285 CAPLUS

(11) Burky, L; Eur J Immunol 1991, V21, P2871 CAPLUS

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L24 ANSWER 4 OF 164 CAPLUS COPYRIGHT 2001 ACS

AN 2001:367789 CAPLUS

TI MEK2 is required for T-cell receptor signals in JNK activation and
interleukin-2 gene expression

AU Su, Bing; Cheng, Jinke; Yang, Jianhua; Guo, Zijian

CS Department of Immunology, M. D. Anderson Cancer Center, The
University of

Texas, Houston, TX, 77030, USA

SO J. Biol. Chem. (2001), 276(18), 14784-14790

CODEN: JBCHA3; ISSN: 0021-9258

PB American Society for Biochemistry and Molecular Biology

DT Journal

LA English

RE.CNT 41

RE

(1) Blank, J; J Biol Chem 1996, V271, P5361 CAPLUS

(2) Cheng, J; Mol Cell Biol 2000, V20, P2334 CAPLUS

(3) Choi, K; Cell 1994, V78, P499 CAPLUS

(4) Davis, R; Cell 2000, V103, P239 CAPLUS

(5) Deacon, K; J Biol Chem 1997, V272, P14489 CAPLUS

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L24 ANSWER 5 OF 164 CAPLUS COPYRIGHT 2001 ACS

AN 2001:304578 CAPLUS

DN 135:121042

TI Epstein-Barr Virus and its Glycoprotein-350 Upregulate IL-6 in Human
B-lymphocytes via CD21, Involving Activation of NF-.kappa.B and

Different

Signaling Pathways

AU D'Addario, Mario; Libermann, Towia A.; Xu, Jingwu; Ahmad, Ali;
Menezes,

Jose

CS Laboratory of Immunovirology, Department of Microbiology and
Immunology

and Pediatric Research Center, University of Montreal, and Ste.

Justine

Hospital, Montreal, QC, H3T 1C5, Can.

SO J. Mol. Biol. (2001), 308(3), 501-514

CODEN: JMOBAK; ISSN: 0022-2836

PB Academic Press

DT Journal

LA English

RE.CNT 48

RE

(1) Akira, S; EMBO J 1990, V9, P1897 CAPLUS

(2) Baeuerle, P; Cell 1998, V95, P729 CAPLUS

(3) Baldwin, A; Annu Rev Immunol 1996, V14, P649 CAPLUS

(4) Barel, M; Mol Immunol 1995, V32, P389 CAPLUS

(6) Bouillie, S; J Immunol 1999, V162, P136 CAPLUS

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L24 ANSWER 6 OF 164 CAPLUS COPYRIGHT 2001 ACS

AN 2001:161161 CAPLUS

TI The human ubiquitous 6-phosphofructo-2-kinase/fructose-2,6-
bisphosphatase

gene (PFKFB3): promoter characterization and genomic structure

AU Navarro-Sabate, A.; Manzano, A.; Riera, L.; Rosa, J. L.; Ventura, F.;
Bartrons, R.

CS Campus de Bellvitge, Unitat de Bioquímica, Departament de Ciències
Fisiològiques II, Universitat de Barcelona, L'Hospitalet, E-08907, Spain

SO Gene (2001), 264(1), 131-138

CODEN: GENED6; ISSN: 0378-1119

PB Elsevier Science B.V.

DT Journal

LA English

RE.CNT 33

RE

- (1) Bosca, L; Proc Natl Acad Sci USA 1985, V82, P6440 CAPLUS
(2) Chesney, J; Proc Natl Acad Sci USA 1999, V96, P3047 CAPLUS
(3) Chikri, M; Biochemistry 1995, V34, P8876 CAPLUS
(4) Dalmau, M; Exp Cell Res 1994, V212, P93 CAPLUS
(5) Fry, C; J Biol Chem 1999, V274, P29583 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L24 ANSWER 7 OF 164 CAPLUS COPYRIGHT 2001 ACS

AN 2000:850064 CAPLUS

DN 134:233212

TI Detecting interactions between membrane proteins in vivo using chimeras

AU Stagliar, Igor; le Heessen, Stephan

CS Institute of Veterinary Biochemistry, University of Zurich, Zurich, 8057, Switz.

SO Methods Enzymol. (2000), 327(Applications of Chimeric Genes and Hybrid Proteins, Pt. B), 190-198

CODEN: MENZAU; ISSN: 0076-6879

PB Academic Press

DT Journal

LA English

RE.CNT 17

RE

- (1) Aronheim, A; Mol Cell Biol 1997, V17, P3094 CAPLUS
(3) Dunnwald, M; Mol Biol Cell 1999, V10, P329 CAPLUS
(4) Durfee, T; Genes Dev 1993, V7, P555 CAPLUS
(5) Fields, S; Nature (London) 1989, V340, P245 CAPLUS
(6) Gietz, D; Nucleic Acids Res 1992, V20, P1425 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L24 ANSWER 8 OF 164 CAPLUS COPYRIGHT 2001 ACS

AN 2000:777158 CAPLUS

DN 134:41072

TI Tumor necrosis factor α -induced phosphorylation of RelA/p65 on ser529 is controlled by casein kinase II

AU Wang, Dan; Westerheide, Sandy D.; Hanson, Julie L.; Baldwin, Albert S., Jr.

CS Department of Biology, Curriculum in Genetics and Molecular Biology and Lineberger Comprehensive Cancer Center, University of North Carolina,

Chapel Hill, NC, 27599-7295, USA

SO J. Biol. Chem. (2000), 275(42), 32592-32597

CODEN: JBCHA3; ISSN: 0021-9258

PB American Society for Biochemistry and Molecular Biology

DT Journal

LA English

RE.CNT 63

RE

- (1) Ackerman, P; J Biol Chem 1989, V264, P11958 CAPLUS
(2) Baeuerle, P; Annu Rev Immunol 1994, V12, P141 CAPLUS
(3) Baeuerle, P; Cell 1996, V87, P13 CAPLUS
(4) Baldwin, A; Annu Rev Immunol 1996, V14, P649 CAPLUS
(5) Barroga, C; Proc Natl Acad Sci U S A 1995, V92, P7637 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L24 ANSWER 9 OF 164 CAPLUS COPYRIGHT 2001 ACS

AN 2000:539251 CAPLUS

DN 133:203260

TI Antisense experiments reveal molecular details on mechanisms of ICER

suppressing cAMP-inducible genes in rat pinealocytes

AU Pfeffer, Martina; Maronde, Erik; Korf, Horst-Werner; Stehle, Jorg H.

CS Dr. Senckenbergische Anatomie, Anatomisches Institut II, Johann Wolfgang

Goethe-Universitat Frankfurt, Frankfurt, 60590, Germany

SO J. Pineal Res. (2000), 29(1), 24-33

CODEN: JPRSE9; ISSN: 0742-3098

PB Munksgaard International Publishers Ltd.

DT Journal

LA English

RE.CNT 33

RE

- (1) Baler, R; J Biol Chem 1997, V272, P6979 CAPLUS
(2) Bodor, J; Proc Natl Acad Sci USA 1996, V93, P3536 CAPLUS
(3) Desdouets, C; Mol Cell Biol 1995, V15, P3301 CAPLUS
(4) Drijfhout, W; J Neurochem 1996, V66, P748 CAPLUS
(5) Ebihara, S; Science 1986, V231, P491 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L24 ANSWER 10 OF 164 CAPLUS COPYRIGHT 2001 ACS

AN 2000:438587 CAPLUS

DN 133:318178

TI Transcription factors Ets1, NF- κ B, and Sp1 are major determinants of

the promoter activity of the human protein kinase CK2 α gene

AU Krehan, Andreas; Ansuini, Hellenia; Bocher, Oliver; Grein, Swen; Wirkner,

Ute; Pyerin, Walter

CS Biochemische Zellphysiologie (B0200), Deutsches Krebsforschungszentrum,

Heidelberg, 69120, Germany

SO J. Biol. Chem. (2000), 275(24), 18327-18336

CODEN: JBCHA3; ISSN: 0021-9258

PB American Society for Biochemistry and Molecular Biology

DT Journal

LA English

RE.CNT 66

RE

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(2) Allende, J; FASEB J 1995, V9, P313 CAPLUS

(3) Armstrong, S; J Biol Chem 1997, V272, P13489 CAPLUS

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(6) Bodenbach, L; Eur J Biochem 1994, V220, P263 CAPLUS

ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 20-30 so,ti

L24 ANSWER 20 OF 164 CAPLUS COPYRIGHT 2001 ACS

SO Biochem. J. (1999), 340(2), 397-404

CODEN: BIJOAK; ISSN: 0264-6021

TI Mechanism of ubiquitous expression of mouse uncoupling protein 2 mRNA:

control by cis-acting DNA element in 5'-flanking region

L24 ANSWER 21 OF 164 CAPLUS COPYRIGHT 2001 ACS

SO J. Biol. Chem. (1999), 274(23), 16641-16645

CODEN: JBCHA3; ISSN: 0021-9258

TI The ubiquitin-proteasome pathway and serine kinase activity modulate adenomatous polyposis coli protein-mediated regulation of β -catenin-lymphocyte enhancer-binding factor signaling

L24 ANSWER 22 OF 164 CAPLUS COPYRIGHT 2001 ACS

SO J. Biol. Chem. (1999), 274(20), 14315-14324

CODEN: JBCHA3; ISSN: 0021-9258

TI Signaling in human osteoblasts by extracellular nucleotides. Their weak

induction of the c-fos proto-oncogene via Ca²⁺ mobilization is strongly potentiated by a parathyroid hormone/cAMP-dependent protein kinase pathway

independently of mitogen-activated protein kinase

L24 ANSWER 23 OF 164 CAPLUS COPYRIGHT 2001 ACS

SO J. Biol. Chem. (1999), 274(13), 8355-8358

CODEN: JBCHA3; ISSN: 0021-9258

TI Mitogen-activated protein kinase/ERK kinase kinases 2 and 3 activate nuclear factor- κ B through I κ B kinase- α and I κ B kinase- β .

L24 ANSWER 24 OF 164 CAPLUS COPYRIGHT 2001 ACS

SO Ann. N. Y. Acad. Sci. (1998), 865(VIP, PACAP, and Related

Peptides), 10-26

CODEN: ANYAAS; ISSN: 0077-8923

TI Cis-regulatory elements controlling basal and inducible VIP gene transcription

L24 ANSWER 25 OF 164 CAPLUS COPYRIGHT 2001 ACS

SO Proc. Natl. Acad. Sci. U. S. A. (1999), 96(2), 429-434

CODEN: PNASAG; ISSN: 0027-8424

TI Involvement of regulatory and catalytic subunits of phosphoinositide 3-kinase in NF- κ B activation

L24 ANSWER 26 OF 164 CAPLUS COPYRIGHT 2001 ACS

SO PCT Int. Appl., 32 pp.

CODEN: PIXXD2

TI Identification and characterization of an I κ B kinase

L24 ANSWER 27 OF 164 CAPLUS COPYRIGHT 2001 ACS

SO Plant Cell (1998), 10(12), 2063-2075

CODEN: PLCEEW; ISSN: 1040-4651

TI Cell cycle-dependent proteolysis in plants: identification of the destruction box pathway and metaphase arrest produced by the proteasome inhibitor MG132

L24 ANSWER 28 OF 164 CAPLUS COPYRIGHT 2001 ACS

SO PCT Int. Appl., 84 pp.

CODEN: PIXXD2

TI Purification of proteasomes using ubiquitin-like (Ubl) protein domains, and preparation and uses of Ubl-fusion proteins

L24 ANSWER 29 OF 164 CAPLUS COPYRIGHT 2001 ACS

SO Hippocampus (1998), 8(5), 444-457

CODEN: HIPPEL; ISSN: 1050-9631

TI Gene-trapping to identify and analyze genes expressed in the mouse hippocampus

L24 ANSWER 30 OF 164 CAPLUS COPYRIGHT 2001 ACS
SO J. Biol. Chem. (1998), 273(44), 29230-29240
CODEN: JBCHA3; ISSN: 0021-9258
T1 Biglycan gene expression in the human leiomyosarcoma cell line SK-UT-1.

Basal and protein kinase A-induced transcription involves binding of Sp1-like/Sp3 proteins in the proximal promoter region

=> s (proteoly? or degrad? or destabil?) and reporter
L25 2282 (PROTEOLY? OR DEGRAD? OR DESTABIL?) AND REPORTER

=> s (proteoly? or degrad? or destabil?) and reporter/ti
UNMATCHED RIGHT PARENTHESIS 'REPORTER/TI'
The number of right parentheses in a query must be equal to the number of left parentheses.

=> s ((proteoly? or degrad? or destabil?) and reporter)/ti
L26 29 ((PROTEOLY? OR DEGRAD? OR DESTABIL?) AND REPORTER)/TI

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L27 12 DUP REM L26 (17 DUPLICATES REMOVED)

=> d 1-12 ti

L27 ANSWER 1 OF 12 CAPLUS COPYRIGHT 2001 ACS
T1 A method of cloning genes for factors involved in proteolytic processing using a caspase reporter system and the regulation of apoptosis

L27 ANSWER 2 OF 12 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 1
T1 In vivo imaging of proteolytic enzyme activity using a novel molecular reporter

L27 ANSWER 3 OF 12 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 2
T1 Kinetic analysis of a tod-lux bacterial reporter for toluene degradation and trichloroethylene cometabolism

L27 ANSWER 4 OF 12 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 3
T1 Development of a transformation and gene reporter system for Group II, non-proteolytic Clostridium botulinum type B strains

L27 ANSWER 5 OF 12 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 4
T1 Comparison of enhanced green fluorescent protein and its destabilized form as transcription reporters

L27 ANSWER 6 OF 12 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 5
T1 Generation of destabilized green fluorescent protein as a transcription reporter

L27 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 6
T1 UGUS, a reporter for use with destabilizing N-termini

L27 ANSWER 8 OF 12 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 7
T1 Rare codons are not sufficient to destabilize a reporter gene transcript in tobacco

L27 ANSWER 9 OF 12 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 8
T1 Transgene-coded chimeric proteins as reporters of intracellular proteolysis: starvation-induced catabolism of a lacZ fusion protein in muscle cells of Caenorhabditis elegans

L27 ANSWER 10 OF 12 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 9
T1 The regulated degradation of a 3-hydroxy-3-methylglutaryl-coenzyme A reductase reporter construct occurs in the endoplasmic reticulum

L27 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 10
T1 Use of a reporter transgene to generate Arabidopsis mutants in ubiquitin-dependent protein degradation

L27 ANSWER 12 OF 12 CAPLUS COPYRIGHT 2001 ACS
T1 Bioluminescence as a reporter of gene activity: description of a promoter from NAH7, a naphthalene-degradation plasmid

=> d 9 so,ab

L27 ANSWER 9 OF 12 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 8
SO J. Cell. Biochem. (1997), 67(1), 143-153
CODEN: JCEBDS; ISSN: 0730-2312

AB The product of an integrated transgene provides a convenient and cell-specific reporter of intracellular protein catabolism in 103 muscle cells of the nematode Caenorhabditis elegans. The transgene is an in-frame fusion of a 5'-region of the C. elegans unc-54 (muscle heavy-chain) gene to the lacZ gene of Escherichia coli, encoding a 146-kDa fusion polypeptide that forms active .beta.-galactosidase tetramers.

The protein is stable in vivo in well-fed animals, but upon removal of the food source it is inactivated exponentially (t1/2 = 17 h) following an initial lag of 8 h. The same rate const. (but no lag) is obsd. in animals starved in the presence of cycloheximide, implying that inactivation is catalyzed by pre-existing proteases. Both the 146-kDa fusion polypeptide (t1/2 = 13 h) and a major 116-kDa intermediate (t1/2 = 7 h) undergo exponential phys. degrdn. after a lag of 8 h. Degrdn. is thus paradoxically faster than inactivation, and a no. of characteristic immunoreactive degrdn. intermediates, some less than one-third the size of

the parent polypeptide, are found in affinity-purified (active) protein. Some of these intermediates are conjugated to ubiquitin. The authors infer that the initial proteolytic cleavages occur in the cytosol, possibly by a ubiquitin-mediated proteolytic pathway and do not necessarily inactivate the fusion protein tetramer.

=> d 5 so,ab

L27 ANSWER 5 OF 12 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 4
SO Methods Enzymol. (1999), 302(Green Fluorescent Protein), 32-38
CODEN: MENZAU; ISSN: 0076-6879

AB In this chapter, the authors describe the utility of green fluorescent protein as a reporter gene in the study of gene expression. They tested the utility of enhanced GFP(EGFP) and destabilized EGFP as transcription reporters by fusing them with NF-.kappa.B-binding sequence and thymidine kinase (TK) promoter, and comparing the difference in expression between EGFP and dEGFP. We demonstrate that both EGFP and dEGFP can be used as reporters in transcription studies. They also show that dEGFP is more sensitive in response to changes in tumor necrosis factor treatment owing to its faster turnover rate. (c) 1999 Academic Press.

=> d 5 all

L27 ANSWER 5 OF 12 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 4
AN 1999:324928 CAPLUS
DN 131:155472
T1 Comparison of enhanced green fluorescent protein and its destabilized form as transcription reporters
AU Zhao, Xiaoning; Duong, Tommy; Huang, Chiao-Chian; Kain, Steven R.; Li, Xianqiang
CS CLONTECH Laboratories, Inc., Palo Alto, CA, 94303-4230, USA
SO Methods Enzymol. (1999), 302(Green Fluorescent Protein), 32-38
CODEN: MENZAU; ISSN: 0076-6879

PB Academic Press
DT Journal
LA English
CC 9-16 (Biochemical Methods)
AB In this chapter, the authors describe the utility of green fluorescent protein as a reporter gene in the study of gene expression. They tested the utility of enhanced GFP(EGFP) and destabilized EGFP as transcription reporters by fusing them with NF-.kappa.B-binding sequence and thymidine kinase (TK) promoter, and comparing the difference in expression between EGFP and dEGFP. We demonstrate that both EGFP and dEGFP can be used as reporters in transcription studies. They also show that dEGFP is more sensitive in response to changes in tumor necrosis factor treatment owing to its faster turnover rate. (c) 1999 Academic Press.

ST enhanced green fluorescent protein transcription reporter
IT Transcription, genetic
(comparison of enhanced green fluorescent protein and its destabilized form as transcription reporters)
IT Tumor necrosis factors
RL: BSU (Biological study, unclassified); BIOL (Biological study)

(comparison of enhanced green fluorescent protein and its destabilized form as transcription reporters)

IT Gene (expression; comparison of enhanced green fluorescent protein and its destabilized form as transcription reporters)

IT Proteins, specific or class

RL: BSU (Biological study, unclassified); BIOL (Biological study) (green fluorescent; comparison of enhanced green fluorescent protein and its destabilized form as transcription reporters)

RE CNT 7

RE

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(3) Duvall, E; Immunology 1985, V56, P351 MEDLINE

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(5) Martin, S; Crit Rev Oncol/Hematol 1995, V18, P137 MEDLINE

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=> d 6 so, abs

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L27 ANSWER 6 OF 12 CAPLUS COPYRIGHT 2001 ACS DUPLICATE 5

SO J. Biol. Chem. (1998), 273(52), 34970-34975

CODEN: JBCHA3; ISSN: 0021-9258

AB The green fluorescent protein (GFP) is a widely used reporter in gene expression and protein localization studies. GFP is a stable protein; this property allows its accumulation and easy detection in cells. However, this stability also limits its application in studies that require rapid reporter turnover. We created a destabilized GFP for use in such studies by fusing amino acids 422-461 of the degradn. domain of mouse ornithine decarboxylase (MODC) to the C-terminal end of an enhanced variant of GFP (EGFP). The fusion protein, unlike EGFP, was unstable in the presence of cycloheximide and had a fluorescence half-life of 2 h. Western blot anal. indicated that the fluorescence decay of EGFP-MODC-(422-461) was correlated with degradn. of the fusion protein. We mutated key amino acids in the PEST sequence of EGFP-MODC-(422-461) and identified several mutants with variable half-lives. The suitability of destabilized EGFP as a transcription reporter was tested by linking it to NF.kappa.B binding sequences and monitoring tumor necrosis factor .alpha.-mediated NF.kappa.B activation. We obtained time course induction and dose response kinetics similar to secreted alk. phosphatase obtained in transfected cells. This result did not occur when unmodified EGFP was used as the reporter. Because of its autofluorescence, destabilized EGFP can be used to directly correlate gene induction with biochem. change, such as NF.kappa.B translocation to the nucleus.

=> d 6 all

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L27 ANSWER 6 OF 12 CAPLUS COPYRIGHT 2001 ACS DUPLICATE 5

AN 1999:25202 CAPLUS

DN 130:205647

TI Generation of destabilized green fluorescent protein as a transcription reporter

AU Li, Xianqiang; Zhao, Xiaoning; Fang, Yu; Jiang, Xin; Duong, Tommy; Fan, Connie; Huang, Chiao-Chain; Kain, Steven R.

CS CLONTECH Laboratories, Inc., Palo Alto, CA, 94303, USA

SO J. Biol. Chem. (1998), 273(52), 34970-34975

CODEN: JBCHA3; ISSN: 0021-9258

PB American Society for Biochemistry and Molecular Biology

DT Journal

LA English

CC 3-1 (Biochemical Genetics)

Section cross-reference(s): 6

AB The green fluorescent protein (GFP) is a widely used reporter in gene expression and protein localization studies. GFP is a stable protein; this property allows its accumulation and easy detection in cells. However, this stability also limits its application in studies that require rapid reporter turnover. We created a destabilized GFP for use in such studies by fusing amino acids 422-461 of the degradn. domain of mouse ornithine decarboxylase (MODC) to the C-terminal end of an enhanced variant of GFP (EGFP). The fusion protein, unlike EGFP, was unstable in the presence of cycloheximide and had a fluorescence half-life of 2 h. Western blot anal. indicated that the fluorescence decay of EGFP-MODC-(422-461) was correlated with degradn. of the fusion protein. We mutated key amino acids in the PEST sequence of EGFP-MODC-(422-461) and identified several mutants with variable half-lives. The suitability of destabilized EGFP as a transcription reporter was tested by linking it to NF.kappa.B binding sequences and monitoring tumor necrosis factor .alpha.-mediated NF.kappa.B activation. We obtained time course induction and dose response kinetics similar to secreted alk. phosphatase obtained in transfected cells. This result did not occur when unmodified EGFP was used as the reporter. Because of its autofluorescence, destabilized EGFP can be used to directly correlate gene induction with biochem. change, such as NF.kappa.B translocation to the nucleus.

ST transcription reporter generation destabilized green fluorescent protein

IT Tumor necrosis factor .alpha.

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)

(NF.kappa.B binding site, suitability of destabilized EGFP was tested by linking to NF.kappa.B binding sequences and monitoring TNF.alpha.-mediated NF.kappa.B activation; generation of destabilized green fluorescent protein as a transcription reporter)

IT NF-.kappa.B

RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)

(NF.kappa.B binding site, suitability of destabilized EGFP was tested by linking to NF.kappa.B binding sequences and monitoring TNF.alpha.-mediated NF.kappa.B activation; generation of destabilized green fluorescent protein as a transcription reporter)

IT Genetic elements

RL: BPR (Biological process); BUU (Biological use, unclassified); BIOL (Biological study); PROC (Process); USES (Uses)

(NF.kappa.B binding site, suitability of destabilized EGFP was tested by linking to NF.kappa.B binding sequences and monitoring TNF.alpha.-mediated NF.kappa.B activation; generation of destabilized green fluorescent protein as a transcription reporter)

IT Protein motifs

(PEST sequence, mutagenesis of, identified several mutants with variable half-lives after; generation of destabilized green fluorescent protein as a transcription reporter)

IT Protein motifs

(destabilized GFP by fusing amino acids 422-461 of the degradn. domain of mouse ornithine decarboxylase to the C-terminal end of an enhanced variant of GFP; generation of destabilized green fluorescent protein as a transcription reporter)

IT Fusion proteins (chimeric proteins)

RL: BAC (Biological activity or effector, except adverse); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)

(destabilized GFP by fusing amino acids 422-461 of the degnrn.
domain
of mouse ornithine decarboxylase to the C-terminal end of an
enhanced
variant of GFP; generation of destabilized green fluorescent protein
as
a transcription reporter)
IT Green fluorescent protein
RL: BAC (Biological activity or effector, except adverse); BPR
(Biological
process); BSU (Biological study, unclassified); BUU (Biological use,
unclassified); BIOL (Biological study); PROC (Process); USES (Uses)
(enhanced variant of; generation of destabilized green fluorescent
protein as a transcription reporter)
IT Transcription (genetic)
(generation of destabilized green fluorescent protein as a
transcription reporter)
IT 9024-60-6, Ornithine decarboxylase
RL: BAC (Biological activity or effector, except adverse); BUU
(Biological
use, unclassified); BIOL (Biological study); USES (Uses)
(destabilized GFP by fusing amino acids 422-461 of the degnrn.
domain
of mouse ornithine decarboxylase to the C-terminal end of an
enhanced
variant of GFP; generation of destabilized green fluorescent protein
as
a transcription reporter)
IT 66-81-9, Cycloheximide
RL: BAC (Biological activity or effector, except adverse); BIOL
(Biological study)
(fusion protein, unlike EGFP, was unstable in the presence of
cycloheximide; generation of destabilized green fluorescent protein
as
a transcription reporter)

RE.CNT 34
RE

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=> s mutant and ubiquitin?/ti
L1 1071 MUTANT AND UBIQUITIN?/TI

=> s mutant and ubiquitin? and 76/ti
L2 0 MUTANT AND UBIQUITIN? AND 76/TI

=> s mutant and ubiquitin? and cleav?/ti
L3 7 MUTANT AND UBIQUITIN? AND CLEAV?/TI

=> d 1-7 ti

L3 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2001 ACS
TI The cyclin-dependent kinase inhibitor p27Kip1 induces N-terminal
proteolytic cleavage of cyclin A

L3 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2001 ACS
TI Diagnosis of genetic disease arising from frameshift mutation by RT-
PCR
and hybridization or antibody assay, and treatment with hammerhead
ribozyme cleavage of defective mRNA

L3 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2001 ACS
TI Protein expression using cotranslational fusion and cleavage of
ubiquitin. Mutagenesis of the glutathione-binding site of human Pi
class glutathione S-transferase

L3 ANSWER 4 OF 7 MEDLINE
TI The cyclin-dependent kinase inhibitor p27(Kip1) induces N-terminal
proteolytic cleavage of cyclin A

L3 ANSWER 5 OF 7 MEDLINE
TI Protein expression using cotranslational fusion and cleavage of
ubiquitin. Mutagenesis of the glutathione-binding site of human Pi
class glutathione S-transferase

L3 ANSWER 6 OF 7 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
TI The cyclin-dependent kinase inhibitor p27(Kip1) induces N-terminal
proteolytic cleavage of cyclin A

L3 ANSWER 7 OF 7 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
TI Protein expression using cotranslational fusion and cleavage of
ubiquitin. Mutagenesis of the glutathione-binding site of human Pi

class glutathione S- transferase.

=> s muta? and ubiquitin? and cleav?
L4 238 MUTA? AND UBIQUITIN? AND CLEAV?

=> dup
ENTER REMOVE, IDENTIFY, ONLY, OR (?):rem
ENTER L# LIST OR (END):l4
PROCESSING COMPLETED FOR L4
L5 102 DUP REM L4 (136 DUPLICATES REMOVED)

=> d 1-10 ti

L5 ANSWER 1 OF 102 CAPLUS COPYRIGHT 2001 ACS
T1 Methods of protein destabilization with noncleavable ubiquitin fusion proteins and uses in assays and in regulating target protein concentrations

L5 ANSWER 2 OF 102 CAPLUS COPYRIGHT 2001 ACS
T1 A bioluminescence resonance energy transfer (BRET) system with broad spectral resolution between donor and acceptor emission wavelengths and its use

L5 ANSWER 3 OF 102 MEDLINE
T1 Promotion of NEDD-CUL1 conjugate cleavage by COP9 signalosome.

L5 ANSWER 4 OF 102 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 1
T1 COOH-terminal truncations promote proteasome-dependent degradation of mature cystic fibrosis transmembrane conductance regulator from post-golgi compartments

L5 ANSWER 5 OF 102 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 2
T1 Presenilin 1 negatively regulates .beta.-catenin/T cell factor/lymphoid enhancer factor-1 signaling independently of .beta.-amyloid precursor protein and Notch processing

L5 ANSWER 6 OF 102 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 3
T1 Inhibition of proteasome function induced apoptosis in gastric cancer

L5 ANSWER 7 OF 102 MEDLINE DUPLICATE 4
T1 Phosphorylation of the cohesin subunit Scc1 by Polo/Cdc5 kinase regulates sister chromatid separation in yeast.

L5 ANSWER 8 OF 102 MEDLINE
T1 Late mitotic failure in mice lacking Sak, a polo-like kinase.

L5 ANSWER 9 OF 102 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 5
T1 Biosynthesis of surfactant protein C: characterization of aggresome formation by EGFP chimeras containing propeptide mutants lacking conserved cysteine residues

L5 ANSWER 10 OF 102 CAPLUS COPYRIGHT 2001 ACS
T1 Sequence and analysis of chromosome I of the amitochondriate intracellular parasite Encephalitozoon cuniculi (Microspora)

=> d 1

L5 ANSWER 1 OF 102 CAPLUS COPYRIGHT 2001 ACS
AN 2001:582076 CAPLUS
T1 Methods of protein destabilization with noncleavable ubiquitin fusion proteins and uses in assays and in regulating target protein concentrations
IN Stack, Jeffrey H.; Whitney, Michael; Cubitt, Andrew B.; Pollok, Brian A.
PA Aurora Biosciences Corporation, USA
SO PCT Int. Appl., 171 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001057242	A2	20010809	WO 2001-US103791	20010202

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
PRAI US 2000-498098 A2 20000204

=> s muta? ubiquitin? and cleav?
L6 9 MUTA? UBIQUITIN? AND CLEAV?

=> l 1-9 ti
L IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter "HELP COMMANDS" at an arrow prompt (=>).

=> d 1-9 ti

L6 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2001 ACS
T1 Methods of protein destabilization with noncleavable ubiquitin fusion proteins and uses in assays and in regulating target protein concentrations

L6 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2001 ACS
T1 A ubiquitin-based tagging system for controlled modulation of protein stability

L6 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2001 ACS
T1 Specificity of the ubiquitin isopeptidase in the PA700 regulatory complex of 26 S proteasomes

L6 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2001 ACS
T1 Structural and functional analysis of N-terminal point mutants of the human estrogen receptor

L6 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2001 ACS
T1 Multiple (.alpha.-NH-ubiquitin)protein endoproteases in cells

L6 ANSWER 6 OF 9 MEDLINE
T1 Specificity of the ubiquitin isopeptidase in the PA700 regulatory complex of 26 S proteasomes.

L6 ANSWER 7 OF 9 MEDLINE
T1 Multiple (alpha-NH-ubiquitin)protein endoproteases in cells.

L6 ANSWER 8 OF 9 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
T1 Specificity of the ubiquitin isopeptidase in the PA700 regulatory complex of 26 S proteasomes.

L6 ANSWER 9 OF 9 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
T1 Multiple (.alpha.-NH-ubiquitin) protein endoproteases in cells.

=> d 2

L6 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2001 ACS
AN 2000:887483 CAPLUS
DN 134:128067
T1 A ubiquitin-based tagging system for controlled modulation of protein stability
AU Stack, Jeffrey H.; Whitney, Michael; Rodems, Steven M.; Pollok, Brian A.
CS Aurora Biosciences Corp., San Diego, CA, 92121, USA
SO Nat. Biotechnol. (2000), 18(12), 1298-1302
CODEN: NABIF9; ISSN: 1087-0156
PB Nature America Inc.
DT Journal
LA English
RE.CNT 25
RE
(1) Bachmair, A; Cell 1989, V56, P1019 CAPLUS
(2) Bachmair, A; Science 1986, V234, P179 CAPLUS
(3) Butt, T; J Biol Chem 1988, V263, P16364 CAPLUS
(5) Corish, P; Protein Eng 1999, V12, P1035 CAPLUS
(6) Dantuma, N; Nat Biotechnol 2000, V18, P538 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his
(FILE 'HOME' ENTERED AT 14:52:39 ON 04 SEP 2001)

FILE 'CAPLUS, MEDLINE, EMBASE' ENTERED AT 14:53:44 ON 04 SEP 2001

L1 1071 S MUTANT AND UBIQUITIN?/T1
L2 0 S MUTANT AND UBIQUITIN? AND 76/T1
L3 7 S MUTANT AND UBIQUITIN? AND CLEAV?/T1

L4 238 S MUTA? AND UBIQUITIN? AND CLEAV?
L5 102 DUP REM L4 (136 DUPLICATES REMOVED)
L6 9 S MUTA? UBIQUITIN? AND CLEAV?

=> s non-cleavable ubiquitin?
L7 0 NON-CLEAVABLE UBIQUITIN?

=> s non-cleavable and ubiquitin?
L8 5 NON-CLEAVABLE AND UBIQUITIN?

=> d 1-5

L8 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2001 ACS
AN 2001:582076 CAPLUS
TI Methods of protein destabilization with noncleavable ubiquitin
fusion proteins and uses in assays and in regulating target protein
concentrations
IN Stack, Jeffrey H.; Whitney, Michael; Cubitt, Andrew B.; Pollok, Brian
A
PA Aurora Biosciences Corporation, USA
SO PCT Int. Appl., 171 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE
PI WO 2001057242 A2 20010809 WO 2001-US103791
20010202
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH,
CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM,
HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT,
RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ,
VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE,
CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
PRAI US 2000-498098 A2 20000204

L8 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2001 ACS
AN 1999:19266 CAPLUS
DN 130:165992
TI The cyclin-dependent kinase inhibitor p27Kip1 induces N-terminal
proteolytic cleavage of cyclin A
AU Bastians, Holger; Townsley, Fiona M.; Ruderman, Joan V.
CS Department of Cell Biology, Harvard Medical School, Boston, MA,
02115, USA
SO Proc. Natl. Acad. Sci. U. S. A. (1998), 95(26), 15374-15381
CODEN: PNASAS; ISSN: 0027-8424
PB National Academy of Sciences
DT Journal
LA English
RE.CNT 73
RE
(1) Amon, A; Cell 1994, V77, P1037 CAPLUS
(2) Arvand, A; Oncogene 1998, V17, P2039 CAPLUS
(3) Brandeis, M; EMBO J 1996, V15, P5280 CAPLUS
(5) Coats, S; Science 1996, V272, P877 CAPLUS
(6) Cordon-Cardo, C; J Natl Cancer Inst 1998, V90, P1284 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2001 ACS
AN 1994:48655 CAPLUS
DN 120:48655
TI Different ratios in 20 S proteasomes and regulatory subunit complexes
in
two isoforms of the 26 S proteasome purified from rabbit skeletal
muscle
AU Sawada, Hitoshi; Muto, Kazuko; Fujimuro, Masahiro; Akaishi,
Takahiro;
Sawada, Michiko Takagi; Yokosawa, Hideyoshi; Goldberg, Alfred L.
CS Department of Biochemistry, Faculty of Pharmaceutical Sciences,
Hokkaido
University, Kita-ku, Sapporo, 060, Japan
SO FEBS Lett. (1993), 335(2), 207-12
CODEN: FEBLAL; ISSN: 0014-5793
DT Journal
LA English

L8 ANSWER 4 OF 5 MEDLINE
AN 94074687 MEDLINE
DN 94074687 PubMed ID: 8253198
TI Different ratios in 20 S proteasomes and regulatory subunit complexes
in
two isoforms of the 26 S proteasome purified from rabbit skeletal
muscle.

AU Sawada H; Muto K; Fujimuro M; Akaishi T; Sawada M T; Yokosawa
H; Goldberg
A L
CS Department of Biochemistry, Faculty of Pharmaceutical Sciences,
Hokkaido
University, Sapporo, Japan.
SO FEBS LETTERS, (1993 Dec 6) 335 (2) 207-12.
Journal code: EUH; 0155157. ISSN: 0014-5793.
CY Netherlands
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199401
ED Entered STN: 19940203
Last Updated on STN: 20000303
Entered Medline: 19940107

L8 ANSWER 5 OF 5 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
AN 93350423 EMBASE
DN 1993350423
TI Different ratios in 20 S proteasomes and regulatory subunit complexes
in
two isoforms of the 26 S proteasome purified from rabbit skeletal
muscle.
AU Sawada H.; Muto K.; Fujimuro M.; Akaishi T.; Takagi Sawada M.;
Yokosawa
H.; Goldberg A.L.
CS Department of Biochemistry, Faculty of Pharmaceutical sciences,
Hokkaido
University, Kita-ku, Sapporo 060, Japan
SO FEBS Letters, (1993) 335/2 (207-212).
ISSN: 0014-5793 CODEN: FEBLAL
CY Netherlands
DT Journal; Article
FS 029 Clinical Biochemistry
LA English
SL English

=> s cleav? and ubiquitin?
L9 852 CLEAV? AND UBIQUITIN?

=> d 1-7 ti

L9 ANSWER 1 OF 852 CAPLUS COPYRIGHT 2001 ACS
TI Ubiquitin/26S proteasome-mediated degradation of topoisomerase I
as a resistance mechanism to camptothecin in tumor cells

L9 ANSWER 2 OF 852 CAPLUS COPYRIGHT 2001 ACS
TI Methods of protein destabilization with noncleavable ubiquitin
fusion proteins and uses in assays and in regulating target protein
concentrations

L9 ANSWER 3 OF 852 CAPLUS COPYRIGHT 2001 ACS
TI Molecular switches II system comprising ligand-regulated DNA binding
molecule and targeted DNA binding site and its use in screening for
desired binding elements and gene regulation

L9 ANSWER 4 OF 852 CAPLUS COPYRIGHT 2001 ACS
TI Inhibition of proteasome function induced apoptosis in gastric cancer

L9 ANSWER 5 OF 852 CAPLUS COPYRIGHT 2001 ACS
TI Apoptotic versus autophagic cell death in heart failure

L9 ANSWER 6 OF 852 CAPLUS COPYRIGHT 2001 ACS
TI Analysis of ubiquitination in vivo using a transgenic mouse
model

L9 ANSWER 7 OF 852 CAPLUS COPYRIGHT 2001 ACS
TI A bioluminescence resonance energy transfer (BRET) system with
broad
spectral resolution between donor and acceptor emission wavelengths
and
its use

=> d 7-15 ti

L9 ANSWER 7 OF 852 CAPLUS COPYRIGHT 2001 ACS
TI A bioluminescence resonance energy transfer (BRET) system with
broad
spectral resolution between donor and acceptor emission wavelengths
and
its use

L9 ANSWER 8 OF 852 CAPLUS COPYRIGHT 2001 ACS
TI Divergent N-terminal sequences of a deubiquitinating enzyme
modulate
substrate specificity

L9 ANSWER 9 OF 852 CAPLUS COPYRIGHT 2001 ACS
TI Yersinia enterocolitica YopP-induced apoptosis of macrophages
involves the

apoptotic signaling cascade upstream of Bid

L9 ANSWER 10 OF 852 CAPLUS COPYRIGHT 2001 ACS
 TI The apoptogenic response of human myeloid leukaemia cell lines and of normal and malignant haematopoietic progenitor cells to the proteasome inhibitor PSI

L9 ANSWER 11 OF 852 CAPLUS COPYRIGHT 2001 ACS
 TI The levels of MDM2 protein are decreased by a proteasome-mediated proteolysis prior to caspase-3-dependent pRb and PARP cleavages

L9 ANSWER 12 OF 852 CAPLUS COPYRIGHT 2001 ACS
 TI COOH-terminal truncations promote proteasome-dependent degradation of mature cystic fibrosis transmembrane conductance regulator from post-golgi compartments

L9 ANSWER 13 OF 852 CAPLUS COPYRIGHT 2001 ACS
 TI Membrane-bound transcription factors: regulated release by RIP or RUP

L9 ANSWER 14 OF 852 CAPLUS COPYRIGHT 2001 ACS
 TI Charge-state-dependent sequence analysis of protonated ubiquitin ions via ion trap tandem mass spectrometry

L9 ANSWER 15 OF 852 CAPLUS COPYRIGHT 2001 ACS
 TI Promotion of NEDD8-CUL1 conjugate cleavage by COP9 signalosome

=> s cleav? and ubiquitin?/ti
 L10 362 CLEAV? AND UBIQUITIN?/TI

=> dup
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 ENTER L# LIST OR (END) :i10
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 L11 146 DUP REM L10 (216 DUPLICATES REMOVED)

=> d 1-10 ti

L11 ANSWER 1 OF 146 CAPLUS COPYRIGHT 2001 ACS
 TI Methods of protein destabilization with noncleavable ubiquitin fusion proteins and uses in assays and in regulating target protein concentrations

L11 ANSWER 2 OF 146 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 1
 TI Ubiquitin/26S proteasome-mediated degradation of topoisomerase I as a resistance mechanism to camptothecin in tumor cells

L11 ANSWER 3 OF 146 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 2
 TI Charge-state-dependent sequence analysis of protonated ubiquitin ions via ion trap tandem mass spectrometry

L11 ANSWER 4 OF 146 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 3
 TI Ubiquitin-based sperm assay for the diagnosis of male factor infertility

L11 ANSWER 5 OF 146 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 4
 TI Analysis of ubiquitination in vivo using a transgenic mouse model

L11 ANSWER 6 OF 146 CAPLUS COPYRIGHT 2001 ACS
 TI Enhanced protein production in higher plants by N-terminal fusion of a ubiquitin or a cucumber mosaic virus coat protein peptide

L11 ANSWER 7 OF 146 CAPLUS COPYRIGHT 2001 ACS
 TI Ubiquitin fusion protein expression system

L11 ANSWER 8 OF 146 CAPLUS COPYRIGHT 2001 ACS
 TI USP1, a novel gene encoding a human ubiquitin-specific protease

L11 ANSWER 9 OF 146 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 5
 TI Activation of atypical protein kinase C .zeta. by caspase processing and degradation by the ubiquitin-proteasome system

L11 ANSWER 10 OF 146 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 6
 TI Ubiquitin-mediated degradation of the proapoptotic active form of Bid. A functional consequence on apoptosis induction

=> d 7

L11 ANSWER 7 OF 146 CAPLUS COPYRIGHT 2001 ACS
 AN 2000:362597 CAPLUS
 DN 133:13404
 TI Ubiquitin fusion protein expression system
 IN Barr, Philip J.
 PA Chiron Corporation, USA
 SO U.S., 15 pp., Cont. of U.S. Ser. No. 957,627, abandoned.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 6068994	A	20000530	US 1995-428278	19950425
PRAI US 1989-390599	B1	19890807		
US 1991-806813	B1	19911206		
US 1992-957627	B1	19921006		

RE.CNT 28
 RE
 (1) Anon; WO 8802406 1988 CAPLUS
 (2) Bachmair; US 5093242 1992 CAPLUS
 (3) Bachmair; US 5132213 1992 CAPLUS
 (4) Bachmair; Cell 1989, V56, P1019 CAPLUS
 (5) Bachmair; Science 1986, V234, P179 CAPLUS
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> FIL STNGUIDE
 COST IN U.S. DOLLARS SINCE FILE TOTAL
 ENTRY SESSION
 FULL ESTIMATED COST 67.06 67.36

FILE 'STNGUIDE' ENTERED AT 15:06:15 ON 04 SEP 2001
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FILE CONTAINS CURRENT INFORMATION.
 LAST RELOADED: Aug 31, 2001 (20010831/UP).

=> d his
 (FILE 'HOME' ENTERED AT 14:52:39 ON 04 SEP 2001)

FILE 'CAPLUS, MEDLINE, EMBASE' ENTERED AT 14:53:44 ON 04 SEP 2001

L1	1071 S MUTANT AND UBIQUITIN?/TI
L2	0 S MUTANT AND UBIQUITIN? AND 76/TI
L3	7 S MUTANT AND UBIQUITIN? AND CLEAV?/TI
L4	238 S MUTA? AND UBIQUITIN? AND CLEAV?
L5	102 DUP REM L4 (136 DUPLICATES REMOVED)
L6	9 S MUTA? UBIQUITIN? AND CLEAV?
L7	0 S NON-CLEAVABLE UBIQUITIN?
L8	5 S NON-CLEAVABLE AND UBIQUITIN?
L9	852 S CLEAV? AND UBIQUITIN?
L10	362 S CLEAV? AND UBIQUITIN?/TI
L11	146 DUP REM L10 (216 DUPLICATES REMOVED)

FILE 'STNGUIDE' ENTERED AT 15:06:15 ON 04 SEP 2001

=> d i11 11-20 ti
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L11 ANSWER 11 OF 146 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 7
 TI A ubiquitin-based tagging system for controlled modulation of protein stability

L11 ANSWER 12 OF 146 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 8
 TI Short-lived green fluorescent proteins for quantifying ubiquitin /proteasome-dependent proteolysis in living cells

L11 ANSWER 13 OF 146 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 9
 TI Tissue-specificity, functional characterization and subcellular localization of a rat ubiquitin-specific processing protease, UBP109, whose mRNA expression is developmentally regulated

L11 ANSWER 14 OF 146 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 10
 TI Characterization of the ubiquitin-specific protease activity of the mouse/human Unp/Unph oncoprotein

L11 ANSWER 15 OF 146 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 11
 TI Ubiquitin-Specific Proteases from Arabidopsis thaliana: Cloning

of AtUBP5 and Analysis of Substrate Specificity of AtUBP3, AtUBP4,
and
AtUBP5 Using Escherichia coli in Vivo and in Vitro Assays

L11 ANSWER 16 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 12

T1 Narrowing of the region of allelic loss in 21q11-21 in squamous non-
small
cell lung carcinoma and cloning of a novel ubiquitin-specific
protease gene from the deleted segment

L11 ANSWER 17 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 13

T1 Ubiquitin-dependent protein processing controls
radiation-induced apoptosis through the N-end rule pathway

L11 ANSWER 18 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 14

T1 Cloning and characterization of a novel human ubiquitin-specific
protease, a homologue of murine UBP43 (Usp18)

L11 ANSWER 19 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 15

T1 Isolation and characterization of KlUBP2, a ubiquitin hydrolase
gene of Kluyveromyces fragilis that can suppress a ts-mutation in CBF2,
a
gene encoding a centromeric protein of Saccharomyces cerevisiae

L11 ANSWER 20 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 16

T1 A new 30-kDa ubiquitin-related SUMO-1 hydrolase from bovine
brain

=> d I11 12
YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS, MEDLINE' -
CONTINUE? (Y)/N:y

L11 ANSWER 12 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 8

AN 2000:346028 CAPLUS
DN 133:147232

T1 Short-lived green fluorescent proteins for quantifying ubiquitin
/proteasome-dependent proteolysis in living cells
AU Dantuma, Nico P.; Lindsten, Kristina; Glas, Rickard; Jellne,
Marianne;

Masucci, Maria G.
CS Microbiology and Tumor Biology Center, Karolinska Institutet,
Stockholm,
S- 171 77, Swed.

SO Nat. Biotechnol. (2000), 18(5), 538-543
CODEN: NABIF9; ISSN: 1087-0156

PB Nature America Inc.
DT Journal

LA English
RE.CNT 31

RE

(1) Adams, J; Cancer Res 1999, V59, P2615 CAPLUS
(2) Andre, P; Proc Natl Acad Sci USA 1998, V95, P13120 CAPLUS
(3) Bachmair, A; Science 1986, V234, P179 CAPLUS
(4) Bochtler, M; Annu Rev Biophys Biomol Struct 1999, V28, P295
CAPLUS
(5) Bogoy, M; Biopolymers 1997, V43, P269 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his

(FILE 'HOME' ENTERED AT 14:52:39 ON 04 SEP 2001)

FILE 'CAPLUS, MEDLINE, EMBASE' ENTERED AT 14:53:44 ON 04
SEP 2001

L1 1071 S MUTANT AND UBIQUITIN?/TI
L2 0 S MUTANT AND UBIQUITIN? AND 76/TI
L3 7 S MUTANT AND UBIQUITIN? AND CLEAV?/TI
L4 238 S MUTA? AND UBIQUITIN? AND CLEAV?
L5 102 DUP REM L4 (136 DUPLICATES REMOVED)
L6 9 S MUTA? UBIQUITIN? AND CLEAV?
L7 0 S NON-CLEAVABLE UBIQUITIN?
L8 5 S NON-CLEAVABLE AND UBIQUITIN?
L9 852 S CLEAV? AND UBIQUITIN?
L10 362 S CLEAV? AND UBIQUITIN?/TI
L11 146 DUP REM L10 (216 DUPLICATES REMOVED)

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FILE 'STNGUIDE' ENTERED AT 15:07:56 ON 04 SEP 2001

FILE 'CAPLUS, MEDLINE' ENTERED AT 15:08:56 ON 04 SEP 2001

FILE 'STNGUIDE' ENTERED AT 15:08:56 ON 04 SEP 2001

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CONTINUE? (Y)/N:n

=> d I11 20-29 ti
YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS, MEDLINE' -
CONTINUE? (Y)/N:y

L11 ANSWER 20 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 16

T1 A new 30-kDa ubiquitin-related SUMO-1 hydrolase from bovine
brain

L11 ANSWER 21 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 17

T1 Characterization and chromosomal localization of USP3, a novel
human
ubiquitin-specific protease

L11 ANSWER 22 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 18

T1 Precursor processing of Pro-IGS15/UCRP, an interferon- β -
induced
ubiquitin-like protein

L11 ANSWER 23 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 19

T1 Biochemical analysis of the receptor for ubiquitin-like
polypeptide

L11 ANSWER 24 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 20

T1 Transient nuclear factor κ .B (NF- κ .B) activation stimulated
by
interleukin-1 β . may be partly dependent on proteasome activity, but
not phosphorylation and ubiquitination of the I κ .B α .
molecule, in C6 glioma cells. Regulation of NF- κ .B linked to
chemokine production

L11 ANSWER 25 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 21

T1 The Ubp6 family of deubiquitinating enzymes contains a ubiquitin
-like domain: SUB

L11 ANSWER 26 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 22

T1 Use of ubiquitin fusions to augment protein expression in
transgenic plants

L11 ANSWER 27 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 23

T1 Electrophoretic separation of ubiquitin and single amino acid
residue ubiquitin extensions using a commercial modified
acrylamide gel electrophoresis system. An assay to determine catalytic
capacities of deubiquitinating enzymes

L11 ANSWER 28 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 24

T1 Production of Chemokines CTAPIII and NAP/2 by Digestion of
Recombinant
Ubiquitin-CTAPIII with Yeast Ubiquitin C-Terminal
Hydrolase and Human Immunodeficiency Virus Protease

L11 ANSWER 29 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 25

T1 Genetic analysis of the role of the Drosophila fat facets gene in the
ubiquitin pathway

=> d I11 26, 27
YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS, MEDLINE' -
CONTINUE? (Y)/N:y

L11 ANSWER 26 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 22

AN 1999:150720 CAPLUS
DN 130:321380

T1 Use of ubiquitin fusions to augment protein expression in
transgenic plants
AU Hondred, David; Walker, Joseph M.; Mathews, Dennis E.; Vierstra,
Richard
D.

CS Cellular and Molecular Biology Program and the Department of
Horticulture,
University of Wisconsin, Madison, WI, 53706, USA

SO Plant Physiol. (1999), 119(2), 713-723
CODEN: PLPHAY; ISSN: 0032-0889
PB American Society of Plant Physiologists
DT Journal
LA English
RE CNT 53
RE

(1) Baker, R; Curr Opin Biotechnol 1996, V7, P541 CAPLUS
(2) Barton, K; Plant Physiol 1987, V85, P1103 CAPLUS
(3) Bevan, M; Nucleic Acid Res 1983, V11, P369 CAPLUS
(4) Bevan, M; Nucleic Acids Res 1984, V12, P8711 CAPLUS
(6) Briggs, M; Proc Natl Acad Sci USA 1992, V89, P2017 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 27 OF 146 CAPLUS COPYRIGHT 2001 ACS

DUPLICATE 23

AN 1999:261059 CAPLUS

DN 130:278379

TI Electrophoretic separation of ubiquitin and single amino acid residue ubiquitin extensions using a commercial modified acrylamide gel electrophoresis system. An assay to determine catalytic capacities of deubiquitinating enzymes

AU Layfield, Robert; Hayers, Chris; Wang, Pu; Urquhart, Kirstie; Ramage,

Robert; Mayer, R. John; Landon, Michael

CS Laboratory Intracellular Proteolysis, Molecular Cellular Biology Research

Section, School Biomedical Sciences, Medical School, Queen's Medical

Center, University Nottingham, Nottingham, NG7 2UH, UK

SO Electrophoresis (1999), 20(3), 480-482

CODEN: ELCTDN; ISSN: 0173-0835

PB Wiley-VCH Verlag GmbH

DT Journal

LA English

RE CNT 4

RE

(1) Franklin, K; Anal Biochem 1997, V247, P305 CAPLUS
(2) Hochstrasser, M; Annu Rev Genetics 1996, V30, P405 CAPLUS
(3) Schagger, H; Anal Biochem 1987, V166, P368 MEDLINE
(4) Wilkinson, K; FASEB J 1997, V11, P1245 CAPLUS

=> d 111 26,27 abs

YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS, MEDLINE' -
CONTINUE? (Y)/N:y

L11 ANSWER 26 OF 146 CAPLUS COPYRIGHT 2001 ACS

DUPLICATE 22

AB A major goal of plant biotechnol. is the prodn. of genetically engineered

crops that express natural or foreign proteins at high levels. To enhance

protein accumulation in transgenic plants, we developed a set of vectors

that express proteins and peptides as C-terminal translational fusions with ubiquitin (UBQ). Studies of several proteins in tobacco (Nicotiana tabacum) showed that: (a) proteins can be readily expressed in plants

as

UBQ fusions; (b) by the action of endogenous UBQ-specific proteases (Ubps), these fusions are rapidly and precisely processed in vivo to release the fused protein moieties in free forms; (c) the synthesis of a protein as a UBQ fusion can significantly augment its accumulation; (d) proper processing and localization of a protein targeted to either the apoplast or the chloroplast is not affected by the N-terminal UBQ sequence; and (e) single amino acid substitutions surrounding the cleavage site can inhibit in vivo processing of the fusion by Ubps. Noncleavable UBQ fusions of .beta.-glucuronidase became

extensively

modified, with addnl. UBQs in planta. Because multiubiquitinated

proteins are the preferred substrates of the 26S proteasome, noncleavable

fusions may be useful for decreasing protein half-life. Based on their ability to

augment protein accumulation and the sequence specificity of Ubps,

UBQ

fusions offer a versatile way to express plant proteins.

L11 ANSWER 27 OF 146 CAPLUS COPYRIGHT 2001 ACS

DUPLICATE 23

AB A no. of ubiquitin extension proteins with carboxyl-terminal single amino

acid residue extensions were synthesized as substrates to assess the catalytic capacities of deubiquitinating enzymes (DUBs). Here, a

modified acrylamide gel electrophoresis system is described which allows sepn.

of

peptide- or isopeptide-linked ubiquitin-lysine from ubiquitin (77 and 76 residue proteins resp.) in only 2 h. Western blotting, using antibodies against ubiquitin, allows both substrate (i.e. ubiquitin-lysine) and product (i.e. ubiquitin) of DUB-catalyzed cleavage reactions to

be detected. Catalytic capacities of DUBs may be indicative of in vivo functions of these proteases.

=> d 111 30-39 ti

YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS, MEDLINE' -
CONTINUE? (Y)/N:y

L11 ANSWER 30 OF 146 CAPLUS COPYRIGHT 2001 ACS

DUPLICATE 26

TI Identification, Functional Characterization, and Chromosomal Localization

of USP15, a Novel Human Ubiquitin-Specific Protease Related to the UNP Oncoprotein, and a Systematic Nomenclature for Human Ubiquitin-Specific Proteases

L11 ANSWER 31 OF 146 CAPLUS COPYRIGHT 2001 ACS

DUPLICATE 27

TI Production of "Authentic" Poliovirus RNA-Dependent RNA Polymerase (3Dpol)

by Ubiquitin-Protease-Mediated Cleavage in Escherichia coli

L11 ANSWER 32 OF 146 CAPLUS COPYRIGHT 2001 ACS

DUPLICATE 28

TI Inhibition of ubiquitin-proteasome pathway activates a caspase-3-like protease and induces Bcl-2 cleavage in human M-07e leukaemic cells

L11 ANSWER 33 OF 146 CAPLUS COPYRIGHT 2001 ACS

DUPLICATE 29

TI Chemically Synthesized Ubiquitin Extension Proteins Detect Distinct Catalytic Capacities of Deubiquitinating Enzymes

L11 ANSWER 34 OF 146 CAPLUS COPYRIGHT 2001 ACS

TI Ubiquitin fusion protein system for protein production in plants

L11 ANSWER 35 OF 146 CAPLUS COPYRIGHT 2001 ACS

TI Preparation of recombinant ubiquitin cross-reactive protein (UCRP) with improved bioactivity

L11 ANSWER 36 OF 146 CAPLUS COPYRIGHT 2001 ACS

DUPLICATE 30

TI Caspase-mediated cleavage of the ubiquitin-protein ligase Nedd4 during apoptosis

L11 ANSWER 37 OF 146 CAPLUS COPYRIGHT 2001 ACS

DUPLICATE 31

TI Ubiquitination is required for the retro-translocation of a short-lived luminal endoplasmic reticulum glycoprotein to the cytosol for degradation by the proteasome

L11 ANSWER 38 OF 146 CAPLUS COPYRIGHT 2001 ACS

DUPLICATE 32

TI Ribosomal S27a coding sequences upstream of ubiquitin coding sequences in the genome of a pestivirus

L11 ANSWER 39 OF 146 CAPLUS COPYRIGHT 2001 ACS

DUPLICATE 33

TI Defects in the ubiquitin pathway induce caspase-independent apoptosis blocked by Bcl-2

=> d 111 40-49 ti

YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS, MEDLINE' -
CONTINUE? (Y)/N:y

L11 ANSWER 40 OF 146 CAPLUS COPYRIGHT 2001 ACS

DUPLICATE 34

TI A genetic system based on split-ubiquitin for the analysis of interactions between membrane proteins in vivo

L11 ANSWER 41 OF 146 CAPLUS COPYRIGHT 2001 ACS

DUPLICATE 35

TI Substrate specificity of deubiquitinating enzymes: Ubiquitin C-terminal hydrolases

L11 ANSWER 42 OF 146 CAPLUS COPYRIGHT 2001 ACS

DUPLICATE 36

TI UBPY: a growth-regulated human ubiquitin isopeptidase

L11 ANSWER 43 OF 146 CAPLUS COPYRIGHT 2001 ACS

DUPLICATE 37

TI Kinetic and Mechanistic Studies on the Hydrolysis of Ubiquitin C-Terminal 7-Amino-4-Methylcoumarin by Deubiquitinating Enzymes

L11 ANSWER 44 OF 146 MEDLINE

TI Characterization of mouse ubiquitin-like SMT3A and SMT3B cDNAs and gene/pseudogenes.

L11 ANSWER 45 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 38

TI A novel family of ubiquitin-specific proteases in chick skeletal muscle with distinct N- and C-terminal extensions

L11 ANSWER 46 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 39

TI Sodium butyrate induces apoptosis and accumulation of ubiquitinated proteins in human breast carcinoma cells

L11 ANSWER 47 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 40

TI Identification and chromosomal assignment of USP1, a novel gene encoding a human ubiquitin-specific protease

L11 ANSWER 48 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 41

TI TCR- α chain-like molecule is involved in the mechanism of antigen-non-specific suppression of a ubiquitin-like protein

L11 ANSWER 49 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 42

TI A new general method for the biosynthesis of stable isotope-enriched peptides using a decahistidine-tagged ubiquitin fusion system: an application to the production of mastoparan-X uniformly enriched with 15N and 15N/13C

=> d I11 50-59 ti

YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS, MEDLINE' -
CONTINUE? (Y)/N:y

L11 ANSWER 50 OF 146 CAPLUS COPYRIGHT 2001 ACS

TI High-level expression and efficient recovery of ubiquitin fusion proteins from Escherichia coli

L11 ANSWER 51 OF 146 CAPLUS COPYRIGHT 2001 ACS

TI Peptide synthesis as fusion product with ubiquitin and ubiquitin carboxyl-terminal extension peptide expression in plasmid-transformed prokaryote host

L11 ANSWER 52 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 43

TI A ubiquitin-specific protease that efficiently cleaves the ubiquitin-proline bond

L11 ANSWER 53 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 44

TI Characterization of NEDD8, a developmentally down-regulated ubiquitin-like protein

L11 ANSWER 54 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 45

TI Specificity of the ubiquitin isopeptidase in the PA700 regulatory complex of 26 S proteasomes

L11 ANSWER 55 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 46

TI Molecular cloning of a novel ubiquitin-specific protease, UBP41, with isopeptidase activity in chick skeletal muscle

L11 ANSWER 56 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 47

TI Ubiquitin-dependent destruction of topoisomerase I is stimulated by the antitumor drug camptothecin

L11 ANSWER 57 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 48

TI Preferential modification of nuclear proteins by a novel ubiquitin-like molecule

L11 ANSWER 58 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 49

TI The ubiquitin-like protein Smt3p is activated for conjugation to other proteins by an Aos1p/Uba2p heterodimer

L11 ANSWER 59 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 50

TI Apoptosis of Ewing's sarcoma cells is accompanied by accumulation of ubiquitinated proteins

=> s noncleav? and ubiquitin?/ti

TI IS NOT A VALID FIELD CODE

0 NONCLEAV?

0 UBIQUITIN?/TI

L12 0 NONCLEAV? AND UBIQUITIN?/TI

=> f caplus, medline, embase

15 CAPLUS

13 MEDLINE

3 EMBASE

L13 0 CAPLUS, MEDLINE, EMBASE
(CAPLUS(W)MEDLINE(W)EMBASE)

=> fil caplus, medline, embase

COST IN U.S. DOLLARS	ENTRY	SINCE FILE	SESSION	TOTAL
FULL ESTIMATED COST			0.00	91.01

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
CA SUBSCRIBER PRICE	ENTRY	SESSION
		0.00 -1.18

FILE 'CAPLUS' ENTERED AT 15:21:34 ON 04 SEP 2001
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FILE 'MEDLINE' ENTERED AT 15:21:34 ON 04 SEP 2001

FILE 'EMBASE' ENTERED AT 15:21:34 ON 04 SEP 2001
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=> s noncleav? and ubiqi?/ti

L14 3 NONCLEAV? AND UBIQI?/TI

=> d I14

L14 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2001 ACS
AN 2001:582076 CAPLUS

TI Methods of protein destabilization with noncleavable ubiquitin fusion proteins and uses in assays and in regulating target protein concentrations

IN Stack, Jeffrey H.; Whitney, Michael; Cubitt, Andrew B.; Pollok, Brian A.

PA Aurora Biosciences Corporation, USA

SO PCT Int. Appl., 171 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI WO 2001057242	A2	20010809	WO 2001-US103791	
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20010202

WV AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH,

CN,

CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM,

HR,

HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,

LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT,

RO, RU,

SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ,

VN,

YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE,

CH, CY,

DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,

BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRAI US 2000-498098 A2 20000204

=> d 2

L14 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2001 ACS

AN 1999:150720 CAPLUS

DN 130:321380

TI Use of ubiquitin fusions to augment protein expression in transgenic plants

AU Hondred, David; Walker, Joseph M.; Mathews, Dennis E.; Vierstra, Richard D.

CS Cellular and Molecular Biology Program and the Department of Horticulture,

University of Wisconsin, Madison, WI, 53706, USA

SO Plant Physiol. (1999), 119(2), 713-723

CODEN: PLPHAY; ISSN: 0032-0889

PB American Society of Plant Physiologists

DT Journal

LA English

RE.CNT 53

RE

(1) Baker, R; Curr Opin Biotechnol 1996, V7, P541 CAPLUS

(2) Barton, K; Plant Physiol 1987, V85, P1103 CAPLUS

(3) Bevan, M; Nucleic Acid Res 1983, V11, P369 CAPLUS

(4) Bevan, M; Nucleic Acids Res 1984, V12, P8711 CAPLUS

(6) Briggs, M; Proc Natl Acad Sci USA 1992, V89, P2017 CAPLUS

ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 3

L14 ANSWER 3 OF 3 MEDLINE
 AN 1999137925 MEDLINE
 DN 99137925 PubMed ID: 9952468
 TI Use of ubiquitin fusions to augment protein expression in transgenic plants.
 AU Hondred D; Walker J M; Mathews D E; Vierstra R D
 CS Cellular and Molecular Biology Program and the Department of Horticulture,
 University of Wisconsin, Madison, Wisconsin 53706, USA.
 SO PLANT PHYSIOLOGY, (1999 Feb) 119 (2) 713-24.
 Journal code: P98; 0401224. ISSN: 0032-0889.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199904
 ED Entered STN: 19990426
 Last Updated on STN: 19990426
 Entered Medline: 19990415
 => s ((dual or tandem or multi?) and (destabil? or proteoly? or degrad?) and domain?)/ti
 L1 39 ((DUAL OR TANDEM OR MULTI?) AND (DESTABIL? OR PROTEOLY? OR DEGRA D?) AND DOMAIN?)/TI
 => dup
 ENTER REMOVE, IDENTIFY, ONLY, OR (?):rem
 ENTER L# LIST OR (END):l1
 PROCESSING COMPLETED FOR L1
 L2 10 DUP REM L1 (29 DUPLICATES REMOVED)
 => d 1-10 ti, so
 L2 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 1
 TI Multiple lysine mutations in the C-terminal domain of p53 interfere with MDM2-dependent protein degradation and ubiquitination
 SO Mol. Cell. Biol. (2000), 20(24), 9391-9398
 CODEN: MCEBD4; ISSN: 0270-7306
 L2 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 2
 TI Multiubiquitin chain binding and protein degradation are mediated by distinct domains within the 26 S proteasome subunit Mcb1
 SO J. Biol. Chem. (1998), 273(4), 1970-1981
 CODEN: JBCHA3; ISSN: 0021-9258
 L2 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 3
 TI Proteolytic mapping of human replication protein A: evidence for multiple structural domains and a conformational change upon interaction with single-stranded DNA
 SO Biochemistry (1996), 35(17), 5586-95
 CODEN: BICHAW; ISSN: 0006-2960
 L2 ANSWER 4 OF 10 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 4
 TI Multiple structural domains within I.kappa.B.alpha. are required for its inducible degradation by both cytokines and phosphatase inhibitors
 SO Biochem. Biophys. Res. Commun. (1996), 223(1), 123-128
 CODEN: BBRCAS; ISSN: 0006-291X
 L2 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 5
 TI Domain structure and multiplicity of raw-starch-digesting amylase from Bacillus circulans: extensive proteolysis with proteinase K, endopeptidase Glu-C and thermolysin
 SO Biochim. Biophys. Acta (1993), 1202(2), 200-6
 CODEN: BBACAQ; ISSN: 0006-3002
 L2 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 6
 TI The structural organization of the hamster multifunctional protein CAD. Controlled proteolysis, domains, and linkers
 SO J. Biol. Chem. (1992), 267(10), 7177-84
 CODEN: JBCHA3; ISSN: 0021-9258
 L2 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 7
 TI Interactions of the A1 heterogeneous nuclear ribonucleoprotein and its proteolytic derivative, UP1, with RNA and DNA: Evidence for multiple RNA binding domains and salt-dependent binding mode transitions
 SO Biochemistry (1991), 30(11), 2968-76

CODEN: BICHAW; ISSN: 0006-2960

L2 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 8
 TI Nucleotide ligands protect the inter-domain regions of the multifunctional polypeptide CAD against limited proteolysis, and also stabilize the thermolabile part-reactions of the carbamoyl-phosphate synthase II domains within the CAD polypeptide
 SO Biochem. J. (1986), 236(2), 327-35
 CODEN: BIJOAK; ISSN: 0306-3275
 L2 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 9
 TI Organization of a multifunctional protein in pyrimidine biosynthesis. A domain hypersensitive to proteolysis
 SO Biochem. J. (1984), 217(2), 435-40
 CODEN: BIJOAK; ISSN: 0306-3275
 L2 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2001 ACS
 DUPLICATE 10
 TI Controlled proteolysis of the multifunctional protein that initiates pyrimidine biosynthesis in mammalian cells: Evidence for discrete structural domains
 SO Proc. Natl. Acad. Sci. U. S. A. (1981), 78(11), 6647-51
 CODEN: PNASAS; ISSN: 0027-8424
 => s ((dual or tandem or multi?) and (destabil? or proteoly? or degrad?)/ti
 UNMATCHED LEFT PARENTHESIS '((DUAL'
 The number of right parentheses in a query must be equal to the number of left parentheses.
 => s ((dual or tandem or multi?) and (destabil? or proteoly? or degrad?)/ti
 L3 1690 ((DUAL OR TANDEM OR MULTI?) AND (DESTABIL? OR PROTEOLY? OR DEGRA D?)/TI
 => s ((dual or tandem or multi?) and (ubiquit? or PEST or N-end or destruct? or degrad?)/ti
 L4 1936 ((DUAL OR TANDEM OR MULTI?) AND (UBIQUIT? OR PEST OR N-END OR DESTRUCT? OR DEGRAD?)/TI
 => s ((dual or tandem or multi?) next (ubiquit? or PEST or N-end or destruct? or degrad?)/ti
 MISSING OPERATOR MULTI? NEXT
 The search profile that was entered contains terms or nested terms that are not separated by a logical operator.
 => s ((dual or tandem or multi?) (3W) (ubiquit? or PEST or N-end or destruct? or degrad?)/ti
 L5 454 ((DUAL OR TANDEM OR MULTI?) (3W) (UBIQUIT? OR PEST OR N-END OR DESTRUCT? OR DEGRAD?)/TI
 => dup
 ENTER REMOVE, IDENTIFY, ONLY, OR (?):rem
 ENTER L# LIST OR (END):l5
 PROCESSING COMPLETED FOR L5
 L6 249 DUP REM L5 (205 DUPLICATES REMOVED)
 => focus
 PROCESSING COMPLETED FOR L6
 L7 249 FOCUS L6 1-
 => d 1-10 ti, so
 L7 ANSWER 1 OF 249 CAPLUS COPYRIGHT 2001 ACS
 TI Human mdm2 mediates multiple mono-ubiquitination of p53 by a mechanism requiring enzyme isomerization
 SO J. Biol. Chem. (2001), 276(33), 31357-31367
 CODEN: JBCHA3; ISSN: 0021-9258
 L7 ANSWER 2 OF 249 CAPLUS COPYRIGHT 2001 ACS
 TI Velosin-containing protein is a multi-ubiquitin chain-targeting factor required in ubiquitin-proteasome degradation
 SO Nat. Cell Biol. (2001), 3(8), 740-744
 CODEN: NCBIFN; ISSN: 1465-7392
 L7 ANSWER 3 OF 249 CAPLUS COPYRIGHT 2001 ACS
 TI Multiple degradable composition mother particles
 SO Faming Zhuanti Shengqing Gongkai Shuomingshu, 16 pp.
 CODEN: CNXXEV
 L7 ANSWER 4 OF 249 CAPLUS COPYRIGHT 2001 ACS
 TI Multiple degradable polymer composition and its preparation process
 SO Faming Zhuanti Shengqing Gongkai Shuomingshu, 14 pp.
 CODEN: CNXXEV
 L7 ANSWER 5 OF 249 CAPLUS COPYRIGHT 2001 ACS
 TI Phosphinic Derivatives as New Dual Enkephalin-Degrading

Enzyme Inhibitors: Synthesis, Biological Properties, and Antinociceptive Activities

SO J. Med. Chem. (2000), 43(7), 1398-1408
CODEN: JMCMAR; ISSN: 0022-2623

L7 ANSWER 6 OF 249 CAPLUS COPYRIGHT 2001 ACS

T1 Expression of multiple complex polysaccharide-degrading enzyme systems by marine bacterium strain 2-40

SO J. Ind. Microbiol. Biotechnol. (1999), 23(2), 123-126
CODEN: JIMBFL; ISSN: 1367-5435

L7 ANSWER 7 OF 249 CAPLUS COPYRIGHT 2001 ACS

T1 Multi-ubiquitination of a nascent membrane protein produced in a rabbit reticulocyte lysate

SO J. Biochem. (Tokyo) (1999), 126(1), 48-53
CODEN: JOBIAO; ISSN: 0021-924X

L7 ANSWER 8 OF 249 CAPLUS COPYRIGHT 2001 ACS

T1 Multi-functional controlled degradable starch plastics resin

SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 8 pp.
CODEN: CNXXEV

L7 ANSWER 9 OF 249 CAPLUS COPYRIGHT 2001 ACS

T1 Mechanochemical model of multiple crack destruction of polymers under stress

SO Russ. Polym. News (1999), 4(3), 16-20
CODEN: RPOFNY; ISSN: 1093-2984

L7 ANSWER 10 OF 249 CAPLUS COPYRIGHT 2001 ACS

T1 Computer simulation of dual-stimuli-responsive degradation in regard to IPN-structured hydrogels

SO Proc. Int. Symp. Controlled Release Bioact. Mater. (1998), 25th, 731-732
CODEN: PCRMEY; ISSN: 1022-0178

=> s ((dual or tandem or multi?) (3W) (ubiquit? or PEST or N-end or destruct? or degrad?) and reporter)/ti

L8 0 ((DUAL OR TANDEM OR MULTI?) (3W) (UBIQUIT? OR PEST OR N-END OR DESTRUCT? OR DEGRAD?) AND REPORTER)/TI

=> d his

(FILE 'HOME' ENTERED AT 14:41:32 ON 08 SEP 2001)

FILE 'CAPLUS, EMBASE, MEDLINE, BIOSIS' ENTERED AT 14:42:34 ON 08 SEP 2001

L1 39 S ((DUAL OR TANDEM OR MULTI?) AND (DESTABIL? OR PROTEOLY? OR DE

L2 10 DUP REM L1 (29 DUPLICATES REMOVED)

L3 1690 S ((DUAL OR TANDEM OR MULTI?) AND (DESTABIL? OR PROTEOLY? OR DE

L4 1936 S ((DUAL OR TANDEM OR MULTI?) AND (UBIQUIT? OR PEST OR N-END OR

L5 454 S ((DUAL OR TANDEM OR MULTI?) (3W) (UBIQUIT? OR PEST OR N-END O

L6 249 DUP REM L5 (205 DUPLICATES REMOVED)

L7 249 FOCUS L6 1-

L8 0 S ((DUAL OR TANDEM OR MULTI?) (3W) (UBIQUIT? OR PEST OR N-END O

=> d l7 10-20 ti, so

L7 ANSWER 10 OF 249 CAPLUS COPYRIGHT 2001 ACS

T1 Computer simulation of dual-stimuli-responsive degradation in regard to IPN-structured hydrogels

SO Proc. Int. Symp. Controlled Release Bioact. Mater. (1998), 25th, 731-732
CODEN: PCRMEY; ISSN: 1022-0178

L7 ANSWER 11 OF 249 CAPLUS COPYRIGHT 2001 ACS

T1 Determination of multichlorophenol in liquid degraded by white rot fungus

SO Jiangsu Shiyu Huagong Xueyuan Xuebao (1998), 10(1), 42-44
CODEN: JSHXFU; ISSN: 1005-8893

L7 ANSWER 12 OF 249 CAPLUS COPYRIGHT 2001 ACS

T1 Simulation of high-temperature multiple destruction in polymers

SO Vysokomol. Soedin., Ser. A Ser. B (1997), 39(3), 533-536
CODEN: VSSBEE; ISSN: 1023-3091

L7 ANSWER 13 OF 249 CAPLUS COPYRIGHT 2001 ACS

T1 CTLA4lg prevents lymphoproliferation and fatal multiorgan tissue destruction in CTLA-4-deficient mice

SO J. Immunol. (1997), 158(11), 5091-5094
CODEN: JOIMA3; ISSN: 0022-1767

L7 ANSWER 14 OF 249 CAPLUS COPYRIGHT 2001 ACS

T1 Methodology for multistage degradation of polyimide

polymer

SO Polym. Degrad. Stab. (1997), 55(2), 165-172
CODEN: PDSTDW; ISSN: 0141-3910

L7 ANSWER 15 OF 249 CAPLUS COPYRIGHT 2001 ACS

T1 Multiple degradation pathways of the rpsO mRNA of Escherichia coli. RNase E interacts with the 5' and 3' extremities of the primary transcript

SO Biochimie (1996), 78(6), 416-424
CODEN: BICMBE; ISSN: 0300-9084

L7 ANSWER 16 OF 249 CAPLUS COPYRIGHT 2001 ACS

T1 The role of alternative multiubiquitin chains in ubiquitin-dependent processes (Saccharomyces cerevisiae, stress resistance)

SO (1995) 242 pp. Avail.: Univ. Microfilms Int., Order No. DANN06178
From: Diss. Abstr. Int., B 1996, 57(3), 1558

L7 ANSWER 17 OF 249 CAPLUS COPYRIGHT 2001 ACS

T1 Engineering a multifunctional ubiquitin conjugating enzyme

SO Perspect. Protein Eng. Complementary Technol., Collect. Pap., Int. Symp., 3rd (1995), Meeting Date 1994, 143-144. Editor(s): Geisow, Michael J.

Epton, Roger. Publisher: Mayflower Worldwide, Kingswinford, UK.
CODEN: 62ZQAP

L7 ANSWER 18 OF 249 CAPLUS COPYRIGHT 2001 ACS

T1 Immunoassay for the quantification of intracellular multi-ubiquitin chains

SO Eur. J. Biochem. (1995), 233(1), 42-7
CODEN: EJBCAI; ISSN: 0014-2956

L7 ANSWER 19 OF 249 CAPLUS COPYRIGHT 2001 ACS

T1 Intracellular multiplication and toxic destruction of cultured macrophages by Capnocytophaga canimorsus

SO Infect. Immun. (1995), 63(9), 3484-90
CODEN: INFIBR; ISSN: 0019-9567

L7 ANSWER 20 OF 249 CAPLUS COPYRIGHT 2001 ACS

T1 Multiple ubiquitin C-terminal hydrolases from chick skeletal muscle

SO J. Biol. Chem. (1995), 270(32), 18766-73
CODEN: JBCHA3; ISSN: 0021-9258

=> s ((dual or tandem or multi?) (2W) (ubiquit? or PEST or N-end or destruct? or degrad? and signal)/ti

'? TRUNCATION SYMBOL NOT VALID WITHIN 'DEGRAD?AND'

'? TRUNCATION SYMBOL NOT VALID WITHIN 'DEGRAD?AND'

'? TRUNCATION SYMBOL NOT VALID WITHIN 'DEGRAD?AND'

'? TRUNCATION SYMBOL NOT VALID WITHIN 'DEGRAD?AND'

The truncation symbol ? may be used only at the end of a search

term. To specify a variable character within a word use !, e.g.,

'wom!n' to search for both 'woman' and 'women'. Enter "HELP

TRUNCATION" at an arrow prompt (=>) for more information.

=> s ((dual or tandem or multi?) (2W) (ubiquit? or PEST or N-end or destruct? or degrad? and signal)/ti

PROXIMITY OPERATION NOT ALLOWED

PROXIMITY OPERATION NOT ALLOWED

PROXIMITY OPERATION NOT ALLOWED

PROXIMITY OPERATION NOT ALLOWED

Certain operators may not be nested in combination with other

operators. A nested operator is valid only when it occurs at the same level or above the operator outside the nested phrase as determined by the following precedence list:

1. Numeric
2. (W), (NOTW), (A), (NOTA)
3. (S), (NOTS)
4. (P), (NOTP)
5. (L), (NOTL)
6. AND, NOT
7. OR

For example, '(MONOCLONAL(W)ANTIBOD?)(L)ANTIGEN?' is valid since (W)

is above (L) on the precedence list. However,

'(THIN(W)LAYER)(L)PHOSPHOLIPID#(A)LACTONE#' is not valid since (L)

is below (A) on the precedence list. The only exception is the 'OR'

operator. This operator may be used in combination with any other operator. For example, '(ATOMIC OR NUCLEAR)(W)REACTOR' is valid.

=> s ((dual or tandem or multi?) (2W) (ubiquit? or PEST or N-end or destruct? or degrad? and signal)/ti

L9 4 ((DUAL OR TANDEM OR MULTI?) (2W) (UBIQUIT? OR PEST OR N-END OR

DESTRUCT? OR DEGRAD?) AND SIGNAL)/TI

=> d 1-4 so, ti

L9 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2001 ACS
SO Curr. Biol. (2001), 11(9), 685-690
CODEN: CUBLE2; ISSN: 0960-9822
TI Mitotic degradation of cyclin A is mediated by multiple and
novel destruction signals

L9 ANSWER 2 OF 4 MEDLINE
SO CURRENT BIOLOGY, (2001 May 1) 11 (9) 685-90.
Journal code: B44; 9107782. ISSN: 0960-9822.
TI Mitotic degradation of cyclin A is mediated by multiple and
novel destruction signals.

L9 ANSWER 3 OF 4 BIOSIS COPYRIGHT 2001 BIOSIS
SO Current Biology, (1 May, 2001) Vol. 11, No. 9, pp. 685-690. print.
ISSN: 0960-9822.
TI Mitotic degradation of cyclin A is mediated by multiple and
novel destruction signals.

L9 ANSWER 4 OF 4 BIOSIS COPYRIGHT 2001 BIOSIS
SO Journal of the American Society of Nephrology, (Sept., 1997) Vol. 9,
No.
PROGRAM AND ABSTR. ISSUE, pp. 608A.
Meeting Info.: 30th Annual Meeting of the American Society of
Nephrology
San Antonio, Texas, USA November 2-5, 1997 American Society of
Nephrology
ISSN: 1046-6673.
TI Multi-ubiquitin may modulate the signal
m-RNA production with short-term exposure of cadmium in cultured-
proximal
tubular cells.

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	ENTRY	SINCE FILE SESSION	TOTAL
FULL ESTIMATED COST		127.28	127.58